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ExxonMobil
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June 12, 2006

Ms. Jo Bentz
California Regional Water Quality Control Board
North Coast Region
5550 Skylane Boulevard, Suite A
Santa Rosa, California 95403

RE: Former Exxon RAS #7-3035/4501 Sonoma Highway, Santa Rosa, California.

Dear Ms. Bentz:

Attached for your review and comment is a copy of the letter report entitled ***Groundwater Assessment Report,*** dated June 12, 2006, for the above-referenced site. The report was prepared by Environmental Resolutions, Inc. (ERI) of Petaluma, California, and details assessment activities at the subject site.

If you have any questions or comments, please contact me at 510.547.8196.

Sincerely,

Jennifer C. Sedlachek
Project Manager

Attachment: ERI's Groundwater Assessment Report, dated June 12, 2006.

cc: w/ attachment
Mr. Paul Lowenthal, City of Santa Rosa Fire Department
Mr. Robert C. Ehlers, M.S., P.E., The Valero Companies, Environmental Liability Management

w/o attachment
Ms. Paula Sime, Environmental Resolutions, Inc.

ENVIRONMENTAL RESOLUTIONS, INC.

June 12, 2006
ERI 200303.R28

Ms. Jennifer Sedlachek
ExxonMobil Refining & Supply – Global Remediation
4096 Piedmont Avenue #194
Oakland, California 94611

SUBJECT Groundwater Assessment Report
Former Exxon Service Station 7-3035
4501 Sonoma Highway Santa Rosa, California

Ms. Sedlachek:

At the request of Exxon Mobil Corporation (Exxon Mobil), Environmental Resolutions, Inc. (ERI) performed environmental assessment activities at the subject site, including the advancement of one cone penetrometer test (CPT) boring (CPT8) and one Hydropunch® (HP) type boring (HP8). The purpose of the work was to assess the vertical distribution of dissolved hydrocarbons on site downgradient of the underground storage tanks (USTs). Data from the borings will assist in the development of an interim remedial action plan to address the current site conditions.

ERI performed the field work in accordance with the *Addendum to Work Plan for Additional Assessment* (Work Plan), dated October 28, 2005, and approved by the California Regional Water Quality Control Board, North Coast Region, in a letter dated February 16, 2006 (Attachment A).

INTRODUCTION

The site is located on the northwestern corner of Mission Boulevard and Sonoma Highway in Santa Rosa, California, as shown on the Site Vicinity Map (Plate 1). The locations of the USTs, dispenser islands, and other select site features are shown on the Generalized Site Plan (Plate 2). Currently, Premier Petroleum, Inc., operates the site as a Valero-branded service station. Valero Energy Corporation (Valero) owns the underground storage system operated at the site.

There are six on-site groundwater monitoring wells (MW1 through MW4, MW7, and MW8) and two off-site monitoring wells (MW5 and MW6) gauged and sampled on a quarterly basis. Historical and recent groundwater monitoring and sampling data are summarized in Tables 1A and 1B. Historical and recent groundwater monitoring and sampling data from private water wells in the vicinity are summarized in Tables 2A and 2B. Cumulative results of grab groundwater samples are presented in Tables 3A and 3B. Cumulative analytical results of soil samples are presented in Tables 4A and 4B. Well construction details are presented in Table 5.

SITE HISTORY

November 1993 — RESNA observed the removal of one 10,000-gallon UST, one 8,000-gallon UST, and one 6,000-gallon UST, used for storing gasoline. RESNA also observed the removal of product lines and dispenser islands at this time. Concentrations of petroleum hydrocarbons were reported in samples collected from beneath the gasoline USTs at 13 feet below ground surface (fbgs). Concentrations of petroleum hydrocarbons were also reported in samples collected from beneath the dispenser islands and the product line trenches near the dispenser islands at 4 fbgs (RESNA, 1994).

December 1993	RESNA observed the removal of a 1,000-gallon single-wall steel used-oil UST. Petroleum hydrocarbons were not detected in samples collected from beneath the used-oil UST. Approximately 950 cubic yards of soil from the November and December 1993 UST removals were removed and transported to BFI Landfill in Livermore, California. Approximately 30 cubic yards of soil were removed, transported as hazardous waste, and disposed of at the Chemwaste Disposal Facility in Buttonwillow, California (RESNA, 1994).
November 1994	ERI observed the drilling of soil borings B1 through B4, and the installation of groundwater monitoring wells MW1 through MW4 in the borings. Soil samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg) and benzene, toluene, ethylbenzene, and total xylenes (BTEX). Concentrations of TPHg and total xylenes were reported in the soil samples collected from the borings (ERI, 1995a).
August 1995	ERI observed the drilling of soil borings SW1 and SW2, and construction of air sparge/soil vapor extraction (AS/SVE) wells AS/SVE1 and AS/SVE2 in the borings. Concentrations of TPHg and BTEX were reported in soil samples collected from the borings (ERI, 1996b).
October 1995	ERI observed the advancement of one on-site (B5) and two off-site Geoprobe borings (B6 and B7). Groundwater samples were collected from borings B5 and B6; groundwater was not encountered in boring B7. Groundwater samples from borings B5 and B6 were analyzed for TPHg and BTEX. Hydrocarbon concentrations were not detected at concentrations at or above laboratory reporting limits (ERI, 1995b).
October 1995	ERI conducted an AS/SVE feasibility test. ERI estimated the radius of influence to be 18 feet (ERI, 1996b).
March 1996	ERI observed the drilling of soil borings B10 through B14, and installation of AS/SVE wells AS/SVE3 through AS/SVE7 in the borings. Soil samples were not collected from the borings (ERI, 1996a,c).
May 1996	ERI submitted a remedial action plan for the installation of an AS/SVE remediation system at the site (ERI, 1996c).
August 1996	The hoists, dispenser islands, and product lines were removed. Samples were not collected during the field work, as approved by the City of Santa Rosa Fire Department (ERI, 1996d).
October 1996	ERI removed a dry well that was discovered during trenching for the AS/SVE remediation system. The well was constructed with a 6-inch steel casing to a total depth of 25 feet. ERI overexcavated the soil surrounding the dry well in an area 11-feet by 8-feet by 14-feet deep. ERI collected one composite soil sample from the stockpiled soil. Concentrations of total petroleum hydrocarbons as diesel (TPHd), TPHg, and total recoverable petroleum hydrocarbons were reported in the stockpile sample. Approximately 45 tons of soil from the dry well excavation were removed to BFI Landfill in Livermore, California (ERI, 1997a).
December 1996	ERI began operation of the AS/SVE system (ERI, 1997b).

July 1998	ERI discontinued operation of the AS/SVE remediation system. The system removed approximately 345 pounds of TPHg and 17 pounds of benzene. At the time of system shutdown, petroleum hydrocarbon concentrations in influent vapor samples were below laboratory reporting limits, and dissolved hydrocarbon concentrations in groundwater samples from well MW1 had decreased to below laboratory reporting limits (ERI, 1998).
April 2000	ERI observed Environ Corporation (under contract with Valero Energy Corporation) advance one Geoprobe boring (GP1) and collect groundwater samples from the boring. Additionally, a groundwater sample was collected from well AS/SVE4. ERI collected duplicate samples during the investigation. Concentrations of TPHg, benzene, and MTBE were reported in the grab groundwater samples from well AS/SVE4. Concentrations of MTBE were reported in the groundwater samples from boring GP1 (ERI, 2000a).
December 2000	ERI performed a sensitive receptor survey. The California Department of Water Resources (DWR) well driller's report archive revealed two municipal and 35 private wells registered within a one-half mile radius of the site. A door-to-door survey and mailings confirmed the locations of 13 wells (ERI, 2000b).
September and November 2002	ERI installed two on-site groundwater monitoring wells (MW7 and MW8) and two off-site groundwater monitoring wells (MW5 and MW6). Soil samples were analyzed for TPHg, methyl tertiary butyl ether (MTBE), and BTEX. Benzene was reported in the soil sample collected from well MW5 at 10 fbgs. Hydrocarbon concentrations were not reported at or above the laboratory reporting limits in the remaining samples (ERI, 2002).
January 2003	ERI retrofitted the AS/SVE system to operate as a dual-phase extraction (DPE) system, extracting groundwater from the AS casings and vapor from the SVE casings of wells AS/SVE1 through AS/SVE7. Continuous operation of the retrofitted system began on January 28, 2003 (ERI, 2003).
August and September 2004	ERI observed the advancement of one on-site CPT boring (CPT1) and four off-site CPT borings (CPT2 through CPT5), and collected groundwater samples from adjacent HP borings. Concentrations of TPHg, MTBE, total xylenes, tertiary amyl methyl ether (TAME), and tertiary butyl alcohol (TBA) were reported in the groundwater samples (ERI, 2004).
August and October 2004	ERI collected groundwater samples from an irrigation well at 4389 Sonoma Highway on August 19, 2004. The laboratory analytical results reported a concentration of 3.8 µg/L of MTBE. ERI collected an additional groundwater sample from the irrigation well on October 4, 2004. The laboratory analytical results reported a concentration of 1.3 µg/L of MTBE (ERI, 2005b).
September 2004	ERI performed a door-to-door well survey downgradient and crossgradient of the site to locate wells that may not have been identified during previous sensitive receptor surveys. ERI identified a total of eight additional private wells in the vicinity of the site during this survey (ERI, 2005a).

November 2004	ERI collected groundwater samples from seven domestic wells downgradient of the site. Samples were analyzed for TPHd, TPHg, BTEX, methanol, and oxygenated compounds (including MTBE). Hydrocarbon concentrations were not reported at or above the laboratory reporting limit in the samples collected from the domestic wells (ERI, 2005b).
August 2005	The dual-phase extraction system was shut down for repairs and has remained shut down pending evaluation and redesign. In total the AS/SVE and DPE systems removed approximately 560 pounds of TPHg, 18 pounds of benzene, and 10 pounds of MTBE from soil beneath the site; and approximately 0.01 pound of benzene and two pounds of MTBE from groundwater beneath the site during its operational period (ERI, 2005c).
March 2006	ERI observed the advancement of one on-site CPT boring (CPT8) and collected groundwater samples from an adjacent HP boring.

SITE CONDITIONS

Site Geology and Hydrogeology

The site is located in the Rincon Valley Subbasin of the Santa Rosa Valley Basin in the North Coast Hydrologic Region (CADWR, 2003). The site is located on sediments mapped as Late Pleistocene Alluvial Fan Deposits, consisting of clay, silt, fine sand, and coarse sand and gravel (CADWR, 2003).

In 2005, groundwater beneath the site fluctuated from approximately 12 to 20 fbgs. The regional groundwater flow direction is to the southwest (CADWR, 1982). Results of quarterly groundwater monitoring indicate that groundwater beneath the site flows towards the southwest. A rose diagram illustrating the groundwater flow direction from second quarter 1999 to first quarter 2006 is included on Plate 3.

Santa Rosa Creek is located approximately 700 feet south of the subject site and flows westward. Brush Creek is approximately 900 feet west of the subject site and flows southward. Lake Ralphine is located approximately 2,000 feet southeast of the subject site.

Soil and Groundwater Conditions

Petroleum hydrocarbons were detected in soil samples collected during previous investigations at the site. Historical soil analytical data shows that 43 soil samples were previously collected at the subject site (Tables 4A and 4B). Samples collected from the UST pit, beneath the product lines and dispenser islands, the dry well excavation, and well MW2 contained concentrations of TPHg and BTEX.

Based on the results of quarterly groundwater sampling at the site, petroleum hydrocarbon concentrations in groundwater have shown a decreasing trend over time. Concentrations of TPHg and benzene have decreased to below laboratory reporting limits in samples collected from groundwater monitoring wells except wells MW1 and MW4. Concentrations of MTBE reported in samples collected from monitoring wells have decreased from a maximum of 30,000 µg/L in well MW1 on July 9, 2001, to 200 µg/L in well MW4 on March 30, 2006.

A groundwater investigation was completed in 2004 by advancing and sampling five paired CPT and HP borings (CPT1 through CPT5, and HP1 through HP5). Eleven grab groundwater samples were collected from the five HP borings. Concentrations of TPHg and MTBE were reported in samples collected from depths up to 54 fbgs on site and off site to the southwest. Grab groundwater sample analytical data are summarized in Tables 3A and 3B. Select grab groundwater sample analytical data are presented on Plate 4.

SUBSURFACE INVESTIGATION

Field work was performed in accordance with the Work Plan, ERI's standard field protocol (Attachment B), and a site-specific health and safety plan. ERI obtained an exploratory soil boring permit from the Sonoma County Department of Health Services, Environmental Health Division (the County). The soil boring permit is included in Attachment C.

Subsurface Clearance

Prior to drilling, ERI contacted Underground Service Alert (USA) and contracted with a private utility-locating company to locate underground utilities at the site. On March 8, 2006, ERI observed Gregg Drilling (Gregg) of Martinez, California, clear borings CPT8 and HP8 to a depth of 8 fbgs using vacuum excavation equipment (air-knife) and a hand auger.

Cone Penetration Test and Hydropunch Borings

On March 9, 2006, ERI observed Gregg advance borings CPT8 and HP8 with a 25-ton CPT drill rig. The borings were advanced to 62 fbgs where the drill rig met with refusal. Grab groundwater samples were collected from the HP boring for laboratory analysis from intervals where water-bearing strata were apparent in the CPT log. Soil samples were not collected from the borings.

Standard field protocols for the CPT borings and groundwater sample collection provided by Gregg are included in Attachment B. The CPT logs showing soil types and water sampling locations are presented in Attachment D.

During the advancement of boring CPT8, pore pressure dissipation tests were performed at depths of 38.39 and 62.66 fbgs. Graphs showing the results of the dissipation tests are presented in Attachment E.

At the completion of sampling, the CPT and HP borings were tremie-grouted from the bottom of the borehole to the surface with cement/bentonite grout.

Laboratory Analytical Methods - Grab Groundwater Samples

ERI submitted grab groundwater samples collected from the HP boring to Sequoia Analytical (Sequoia) of Morgan Hill, California, a California state-certified laboratory, under Chain-of-Custody protocol. The samples were analyzed for TPHg and TPHd using EPA Method 8015B; BTEX and MTBE using EPA Method 8021B; and oxygenated compounds, lead scavengers, and ethanol using EPA Method 8260B. The laboratory analytical reports and Chain-of-Custody records are provided in Attachment F. Cumulative grab groundwater sample data are presented in Tables 3A and 3B. Select analytical results of groundwater samples collected during this investigation and during the first quarter 2006 sampling event are shown on Plate 4.

Soil and Water Disposal

Soil and rinsate water generated during field activities were contained in two 55-gallon drums on site. ERI collected one composite sample (four brass sleeves) from the drums and submitted the samples to Sequoia, under Chain-of-Custody protocol. The samples were analyzed for TPHg and TPHd using EPA Method 8015B; BTEX using EPA Method 8021B; MTBE and the EPA Method 8010 list of volatile organic compounds using EPA Method 8260B; and total lead using EPA Method 6010B. The laboratory analytical report and Chain-of-Custody record are provided in Attachment F. Dillard Environmental Services (Dillard) of Byron, California, under direct contract to Exxon Mobil, removed the waste from the site on April 28, 2006, and transported it to Clean Harbors Environmental Services is Buttonwillow, California. ERI transported rinsate water to Romic Environmental Technology Corporation in East Palo Alto, California, on May 10, 2006. Waste disposal documentation is provided in Attachment G.

Site Survey

On March 27, 2006, ERI observed Morrow Surveying (Morrow), of West Sacramento, California, survey the location of borings CPT8 and HP8, and locations of previous CPT and HP borings (CPT1, CPT2, and CPT5; and HP1, HP2, and HP5). Previous borings CPT3, CPT4, HP3, and HP4 were not surveyed because their locations are no longer visible.

RESULTS OF INVESTIGATION

Site Geology and Hydrogeology

The log from boring CPT8 shows moderately complex stratigraphy and is consistent with the results of previous investigations. Two cross sections, extending to the southwest and south, are shown on Plates 6 and 7. The locations of the cross sections are shown on Plate 5.

Boring CPT8 correlates well with boring MW1 (on site), and with boring CPT4 (off site to the south) and typifies the stratigraphy of the site and vicinity. Boring CPT8 encountered four discrete layers of coarser-grained sediment, consisting of sand, silty sand, and sandy silt, separated by silt and clay mixtures. Boring CPT8 encountered sandy layers from approximately 14 to 16 fbgs, 22 to 27 fbgs, 36 to 40 fbgs, 49 to 53 fbgs, and 54 to 57. From 27 to 36 fbgs, an aquitard consisting of silt and clay mixtures is present. Fine-grained aquitards are also present separating the other sandy layers, although the boring CPT8 log shows these other aquitards containing greater percentages of silt and sand.

In summary, in boring CPT8, the first, upper water-bearing aquifer is present between 22 to 27 fbgs; an aquitard underlies this upper water-bearing zone from 27 to 36 fbgs; and a second, lower water-bearing sandy aquifer is present from 36 to 40 fbgs. A pore pressure dissipation test conducted in boring CPT8 in the second water-bearing sandy aquifer, at a depth of 38.39 fbgs, indicated an equivalent depth to water (DTW) of 13.4 fbgs, or an approximate equivalent groundwater elevation of 222.3 feet above mean sea level (msl). Results of the pore pressure dissipation tests are provided in Attachment E. Groundwater did not enter the HP tool at 14 to 18 fbgs in boring HP8. However, groundwater elevation was measured in monitoring well MW1 on March 30, 2006, at 224.01 feet above msl. The similarity between the groundwater elevation measured in well MW1 and the equivalent groundwater elevation calculated for the second aquifer, as well as the distribution of hydrocarbon concentrations measured in samples collected from boring HP8, indicate the first and second water-bearing sandy aquifers are hydraulically connected.

Groundwater Conditions

Three grab groundwater samples were collected from boring HP8, at depths of 24, 38, and 56 fbgs. These depths correspond to first and second water-bearing sandy aquifers, and to coarser sediment present near the base of the boring, respectively. Grab groundwater sampling was attempted in the intervals from 14 to 18 fbgs, 29 to 33 fbgs, 42 to 46 fbgs, and 50 to 54 fbgs; however, groundwater did not enter the HP tool.

Cumulative grab groundwater analytical results are presented in Tables 3A and 3B. Laboratory analytical reports and Chain-of-Custody records are presented in Attachment F. Select analytical results of groundwater samples collected during this investigation and the first quarter 2006 groundwater monitoring and sampling event are shown on Plate 4. Cross section locations are presented on Plate 5. Select groundwater analytical results from this investigation are also shown on Cross Sections A-A' and B-B' (Plates 6 and 7). Concentrations of petroleum hydrocarbons were reported in samples collected from the three water-bearing depth intervals in boring CPT8, and showed a decreasing trend with depth. Concentrations of the two analytes with the maximum concentrations (MTBE and TBA) decreased by two orders of magnitude from 24 to 56 fbgs. Concentrations of MTBE were reported at 1,000 µg/L (24 fbgs), 80 µg/L (38 fbgs), and 17 µg/L (56 fbgs). Concentrations of TBA were reported in the samples at 4,400 µg/L (24 fbgs), 930 µg/L (38 fbgs), and 42 µg/L (56 fbgs). Total petroleum hydrocarbons as gasoline were reported at 420 µg/L in the sample collected at 38 fbgs. Total petroleum hydrocarbons as diesel

were reported at 420 µg/L in the sample collected at 38 fbgs. Total petroleum hydrocarbons as diesel were reported at 50 µg/L in the sample collected from 24 fbgs and at 51 µg/L in the sample collected from 38 fbgs. Total petroleum hydrocarbons as diesel was not analyzed in the sample collected from 56 fbgs because the interval yielded insufficient groundwater for the analysis.

DISCUSSION

Stratigraphy

Based on review of boring logs from this and previous investigations, ERI interprets the hydrostratigraphy in the site vicinity to consist of a sequence of sandy, water-bearing layers separated by layers of silt and clay mixtures. Cross sections A-A' and B-B' show that a similar stratigraphic pattern is present beneath the site and vicinity, although the exact depth of the sandy aquifers varies. In boring CPT8, the first, upper water-bearing aquifer is present between 22 to 27 fbgs. An aquitard underlies this upper water-bearing zone from 27 to 36 fbgs, and a second, lower water-bearing sandy aquifer is present from 36 to 40 fbgs. In comparison, in boring CPT1, the sandy unit correlating with the first water-bearing aquifer in boring CPT8 is present from 23 to 28 fbgs; the aquitard is present from 28 to 42 fbgs; and a second water-bearing zone, consisting of sandy silts, is present below approximately 42 fbgs. In off-site boring CPT4, which is at an elevation approximately 4 feet lower than boring CPT8, the upper sandy unit is present from 17 to 26 fbgs, the aquitard is present in 26 to 32 fbgs, and the lower sandy unit is present below 32 fbgs.

In summary, at boring CPT8, four main hydrologic units are present.

- An upper sandy water-bearing zone extends from 22 to 27 fbgs.
- An intermediate aquitard of silt and clayey silt is present from 27 to 36 fbgs. Based on the sediment composition, this unit appears to have low permeability.
- A second, lower sandy water-bearing zone, consisting of sand and silty sand, extends from 36 to 40 fbgs. Groundwater in this unit is hydraulically connected to groundwater in the upper sandy water-bearing zone.
- Below 40 fbgs, a sequence silt and clay mixtures, with interbedded sandy layers, extends to 62 fbgs, the total depth of boring CPT8.

Vertical Delineation of Dissolved-Phase Petroleum Hydrocarbons

Concentrations of dissolved-phase petroleum hydrocarbons reported in samples collected from boring HP8 decreased by two orders of magnitude from the first sampling depth at 24 fbgs to the last sampling depth at 56 fbgs. At 56 fbgs, MTBE was reported at 17 µg/l, and TBA was reported at 42 µg/l. Samples were not collected at greater depth because the drill rig met with refusal at 62 fbgs.

CONCLUSIONS

In summary, ERI concludes:

- There is a broadly consistent stratigraphy beneath the site. In the vicinity of boring CPT8, the first two water-bearing zones were encountered at 22 to 27 fbgs and 36 to 40 fbgs.
- Dissolved-phase hydrocarbon concentrations decrease to below 50 µg/L below the second water-bearing zone.

RECOMMENDATIONS

Based on the results of this and previous investigations, ERI makes the following recommendations.

- Future remediation efforts at the site should address the second water-bearing zone, located at a depth of approximately 36 to 40 fbgs.

- An interim remedial action plan should be prepared to address hydrocarbon concentrations in the second water-bearing zone. The remediation of this zone should result in a decrease in hydrocarbon concentrations measured off site.

LIMITATIONS

This report was prepared in accordance with generally accepted standards of environmental practice in California at the time this report was written. This investigation was conducted solely for the purpose of evaluating environmental conditions of the soil and groundwater. No soil engineering or geotechnical references are implied or should be inferred. Evaluation of the geologic conditions at the site for the purpose of this investigation is made from a limited number of observation points. Subsurface conditions may vary away from the data points available. Additional work, including further subsurface investigation, can reduce the inherent uncertainties associated with this type of investigation. This report has been prepared solely for Exxon Mobil, and any reliance on this report by third parties shall be at such party's sole risk.

DOCUMENT DISTRIBUTION

ERI recommends forwarding copies of this report to:

Ms. Jo Bentz
California Regional Water Quality Control Board
North Coast Region
5550 Skylane Boulevard, Suite A
Santa Rosa, California 95403

Mr. Paul Lowenthal
City of Santa Rosa Fire Department
955 Sonoma Avenue
Santa Rosa, California 95404

Mr. Robert C. Ehlers, M.S., P.E.
The Valero Companies
Environmental Liability Management
685 West Third Street
Hanford, California 93230

Please call Ms. Paula Sime, ERI's project manager for this site, at (707) 766-2000 with any questions regarding this report.

Sincerely,
Environmental Resolutions, Inc.

Paula Sime
Project Manager

Geoffrey V. Waterhouse
P.G. 5019
C.HG. 334
C.E.G. 1561

Attachments: References

Table 1A:	Cumulative Groundwater Monitoring and Sampling Data
Table 1B:	Additional Cumulative Groundwater Monitoring and Sampling Data
Table 2A:	Private Water Well Sampling Data
Table 2B:	Additional Private Water Well Sampling Data
Table 3A:	Cumulative Grab Groundwater Sample Analytical Results
Table 3B:	Additional Cumulative Grab Groundwater Sample Analytical Results
Table 4A:	Cumulative Soil Sample Analytical Results
Table 4B:	Cumulative Soil Sample Analytical Results - Metals
Table 5:	Well Construction Details
Plate 1:	Site Vicinity Map
Plate 2:	Generalized Site Plan
Plate 3:	Groundwater Elevation Map, March 30, 2006
Plate 4:	Select Groundwater Analytical Results
Plate 5:	Cross Section Locations
Plate 6:	Cross Section A-A'
Plate 7:	Cross Section B-B'
Attachment A:	Regulatory Correspondence
Attachment B:	Field Protocols
Attachment C:	Permit
Attachment D:	CPT Logs
Attachment E:	Results of Pore-Pressure Dissipation Tests
Attachment F:	Laboratory Analysis Reports and Chain-of-Custody Records
Attachment G:	Waste Disposal Documentation

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TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3035
4501 Sonoma Highway
Santa Rosa, California

Well ID	Sampling Date	TOC (feet)	DTW (fbgs)	GW Elev. (feet)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW1	12/01/94	235.81	18.21	217.60	NLPH	---	2,100	---	---	23*	<10	<10	<10
MW1	02/22/95	235.81	14.48	221.33	NLPH	---	150	---	---	5.9	0.67	1.1	2.5
MW1	04/10/95	235.81	13.38	222.43	NLPH	---	190	---	---	<1.0	<1.0	<1.0	<1.0
MW1	07/05/95	235.81	19.67	216.14	NLPH	---	140	---	---	<0.5	<0.5	<0.5	<0.5
MW1	10/17/95	235.81	22.81	213.00	NLPH	---	59	---	---	<0.5	<0.5	<0.5	<0.5
MW1	01/05/96	235.81	18.26	217.55	NLPH	---	<100	---	---	<1.0	<1.0	<1.0	<1.0
MW1	04/15/96	235.81	16.00	219.81	NLPH	---	190	---	---	5.5	<0.5	<0.5	<0.5
MW1	07/16/96	235.81	19.98	215.83	NLPH	---	120	---	---	6.0	<0.5	<0.5	<0.5
MW1	10/02/96	235.81	23.22	212.59	NLPH	---	93	---	---	<0.5	<0.5	<0.5	<0.5
MW1	01/02/97	235.81	11.87	223.94	NLPH	---	60	3,100	---	<0.5	<0.5	<0.5	<0.5
MW1	04/03/97	235.81	18.36	217.45	NLPH	---	<50	19	---	<0.5	<0.5	<0.5	<0.5
MW1	07/03/97	235.81	20.07	215.74	NLPH	---	<50	2.7	---	<0.5	<0.5	<0.5	<0.5
MW1	10/02/97	235.81	22.15	213.66	NLPH	---	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW1	01/09/98	235.81	16.48	219.33	NLPH	---	<50	3.6	---	<0.5	<0.5	<0.5	<0.5
MW1	04/01/98	235.81	14.78	221.03	NLPH	---	<50	40	40	<0.5	<0.5	<0.5	<0.5
MW1	07/02/98	235.81	18.58	217.23	NLPH	---	<50	71	---	<0.5	<0.5	<0.5	<0.5
MW1	10/01/98	235.81	21.00	214.81	NLPH	---	<50	120	---	<0.5	<0.5	<0.5	<0.5
MW1	01/07/99	235.81	20.72	215.09	NLPH	---	<500	12,000	---	<5.0	<5.0	<5.0	<5.0
MW1	04/07/99	235.81	14.79	221.02	NLPH	---	<2,500	4,530	5,010	<25	<25	<25	<25
MW1	07/13/99	235.81	21.30	214.51	NLPH	---	<50	3,190	---	<0.5	<0.5	<0.5	<0.5
MW1	10/28/99	235.81	20.31	215.50	NLPH	---	<50	590	---	<1	<1	<1	<1
MW1	02/23/00	235.81	11.69	224.12	NLPH	---	<50	600	420	<0.5	<0.5	<0.5	<0.5
MW1	05/30/00	235.81	11.93	223.88	NLPH	---	<50	7,200	7,800	<0.5	<0.5	<0.5	<0.5
MW1	6/16/00	235.81	Property transferred to Valero Refining Company.										
MW1	07/24/00	235.81	20.40	215.41	NLPH	---	<250	26,000	26,000	<2.5	<2.5	<2.5	<2.5
MW1	10/06/00	235.81	21.62	214.19	NLPH	---	<50	8,700	6,600	<0.5	<0.5	<0.5	<0.5
MW1	01/05/01	235.81	22.14	213.67	NLPH	---	<250	16,000	18,000	<0.5	<0.5	<0.5	<0.5
MW1	04/09/01	235.81	18.36	217.45	NLPH	---	<50	24,000	23,000	<0.5	<0.5	<0.5	<0.5
MW1	07/09/01	235.81	21.31	214.50	NLPH	---	250	30,000	27,000	<0.5	<0.5	<0.5	<0.5
MW1	10/01/01	235.81	22.54	213.27	NLPH	---	<50	17,000	18,000	<0.5	1.8	<0.5	<0.5
MW1	Nov-2001	236.72	Well surveyed in compliance with AB 2886 requirements.										
MW1	01/03/02	236.72	10.23	226.49	NLPH	---	765	972	1,190	0.80	1.30	0.50	4.00
MW1	04/11/02	236.72	19.00	217.72	NLPH	---	30,500	---	22,500	0.70	<0.50	<0.50	<0.50
MW1	07/05/02	236.72	21.34	215.38	NLPH	---	17,100	19,700	20,800	<50.0	<50.0	<50.0	<50.0
MW1	10/07/02	236.72	21.59	215.13	NLPH	---	6,750	11,500	11,000	<0.5	<0.5	<0.5	0.9
MW1	01/24/03	236.72	12.60	224.12	NLPH	---	2,540	2,340	2,580	<0.5	<0.5	<0.5	<0.5
MW1	04/07/03	236.72	17.11	219.61	NLPH	---	3,480	4,280	4,640	<0.50	<0.5	<0.5	<0.5
MW1	07/11/03 b	236.72	19.55	217.17	NLPH	---	3,530	3,580	4,630	<0.50	<0.5	<0.5	<0.5
MW1	10/02/03	236.72	21.92	214.80	NLPH	---	1,320	1,240	1,610	<0.50	<0.5	<0.5	<0.5
MW1	01/09/04	236.72	13.40	223.32	NLPH	---	215	293	320	<0.50	<0.5	<0.5	<0.5
MW1	04/06/04	236.72	25.23	211.49	NLPH	---	7,270	10,000	7,260	0.80	<0.5	<0.5	<0.5
MW1	08/25/04	236.72	23.59	213.13	NLPH	---	<50.0	9.1	8.50	<0.50	<0.5	<0.5	<0.5
MW1	11/15/04	236.72	25.68	211.04	NLPH	---	9,780	8,420	9,900	<0.50	<0.5	1.2	2.9
MW1	02/17/05	236.72	18.63	218.09	NLPH	---	1,320	---	1,620	<0.50	<0.5	<0.5	0.8
MW1	06/07/05	236.72	17.29	219.43	NLPH	<50	314	---	446	<0.50	<0.5	<0.5	<0.5
MW1	09/08/05	236.72	20.51	216.21	NLPH	<50.0	<50.0	68.5	82.3	<0.50	<0.50	<0.50	<1.00
MW1	12/08/05	236.72	19.20	217.52	NLPH	<50.0	71.5	57.2	66.7	<0.50	<0.50	<0.50	<0.50
MW1	**03/30/06**	**236.72**	**12.71**	**224.01**	**NLPH**	**<47**	**<50**	**43**	**34.9**	**<0.50**	**<0.50**	**<0.50**	**<0.50**

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3035
4501 Sonoma Highway
Santa Rosa, California

Well ID	Sampling Date	TOC (feet)	DTW (fbgs)	GW Elev. (feet)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW2	12/01/94	234.86	16.37	218.49	NLPH	---	1,600	---	---	640	<4	18	34
MW2	02/22/95	234.86	11.27	223.59	NLPH	---	47,000	---	---	5,100	3,200	1,800	6100
MW2	04/10/95	234.86	9.65	225.21	NLPH	---	22,000	---	---	2,500	590	1,100	2400
MW2	07/05/95	234.86	17.93	216.93	NLPH	---	1,100	---	---	45	<5.0	19	<5.0
MW2	10/17/95	234.86	21.33	213.53	NLPH	---	<1,000	---	---	<10	<10	<10	<10
MW2	01/05/96	234.86	16.08	218.78	NLPH	---	3,600	---	---	390	<13	140	22
MW2	04/15/96	234.86	12.81	222.05	NLPH	---	9,600	---	---	470	<50	410	100
MW2	07/16/96	234.86	18.55	216.31	NLPH	---	640	---	---	24.0	<2.5	<2.5	<2.5
MW2	10/02/96	234.86	21.95	212.91	NLPH	---	660	---	---	6.0	1.4	<1.2	<1.2
MW2	01/02/97	234.86	7.41	a	NLPH	---	1,900	15,000	---	370	<5.0	<5.0	22
MW2	04/03/97	234.86	13.28	221.58	NLPH	---	<1,250	6,500	---	<12	<12	<12	<12
MW2	07/03/97	235.00	14.67	220.33	NLPH	---	<50	2,900	3,900	1.7	<0.5	<0.5	0.91
MW2	10/02/97	235.79	16.03	219.76	NLPH	---	<50	140	---	<0.5	<0.5	<0.5	<0.5
MW2	01/09/98	235.79	13.61	222.18	NLPH	---	60	1,100	---	<0.5	<0.5	<0.5	<0.5
MW2	04/01/98	235.79	11.84	223.95	NLPH	---	170	1,900	1,900	6.4	<0.5	<0.5	<0.5
MW2	07/02/98	235.79	16.49	219.30	NLPH	---	190	2,800	---	<1.0	<1.0	<1.0	<1.0
MW2	10/01/98	235.79	18.00	217.79	NLPH	---	180	750	---	<0.5	<0.5	<0.5	<0.5
MW2	01/07/99	235.79	20.35	215.44	NLPH	---	150	1,200	---	<0.5	1.3	<0.5	<0.5
MW2	04/07/99	235.79	12.20	223.59	NLPH	---	<1,000	1,770	---	<10	<10.0	<10.0	<10.0
MW2	07/13/99	235.79	19.40	216.39	NLPH	---	199	500	---	0.897	<0.5	<0.5	<0.5
MW2	10/28/99	235.79	17.09	218.70	NLPH	---	<250	19,000	---	<5	<5	<5	<5
MW2	02/23/00	235.79	11.27	224.52	NLPH	---	260	8,800	6,500	<0.5	<0.5	<0.5	<0.5
MW2	05/30/00	235.79	11.09	224.70	NLPH	---	260	2,000	2,000	<0.5	<0.5	<0.5	<0.5
MW2	06/16/00	235.79	Property transferred to Valero Refining Company.										
MW2	07/24/00	235.79	17.10	218.69	NLPH	---	150	2,100	2,000	<0.5	<0.5	<0.5	<0.5
MW2	10/06/00	235.79	18.62	217.17	NLPH	---	150	1,800	1,200	<0.5	<0.5	<0.5	0.84
MW2	01/05/01	235.79	21.51	214.28	NLPH	---	74	510	530	<0.5	<0.5	<0.5	<0.5
MW2	04/09/01	235.79	16.63	219.16	NLPH	---	<50	490	510	<0.5	<0.5	<0.5	<0.5
MW2	07/09/01	235.79	19.64	216.15	NLPH	---	<50	430	360	<0.5	<0.5	<0.5	<0.5
MW2	10/01/01	235.79	20.69	215.10	NLPH	---	<50	360	390	<0.5	<0.5	<0.5	<0.5
MW2	Nov-2001	235.77	Well surveyed in compliance with AB 2886 requirements.										
MW2	01/03/02	235.77	8.47	227.30	NLPH	---	483	510	621	<0.50	<0.50	<0.50	<0.50
MW2	04/11/02	235.77	16.18	219.59	NLPH	---	188	---	171	<0.50	<0.50	<0.50	<0.50
MW2	07/05/02	235.77	20.24	215.53	NLPH	---	280	240	208	<5.0	<5.0	<5.0	<5.0
MW2	10/07/02	235.77	19.15	216.62	NLPH	---	92.3	13.1	134	<0.5	<0.5	<0.5	<0.5
MW2	01/24/03	235.77	10.16	225.61	NLPH	---	128	116	118	<0.5	<0.5	<0.5	<0.5
MW2	04/07/03	235.77	14.40	221.37	NLPH	---	<50.0	33.5	35.0	<0.50	<0.5	<0.5	<0.5
MW2	07/11/03 b	235.77	18.42	217.35	NLPH	---	<50.0	20.8	22.4	<0.50	<0.5	<0.5	<0.5
MW2	10/02/03	235.77	20.43	215.34	NLPH	---	<50.0	10.2	11.6	<0.50	<0.5	<0.5	<0.5
MW2	01/09/04	235.77	10.78	224.99	NLPH	---	<50.0	10.0	9.80	<0.50	<0.5	<0.5	<0.5
MW2	04/06/04	235.77	20.25	215.52	NLPH	---	d	d	d	d	d	d	d
MW2	08/25/04	235.77	19.14	216.63	NLPH	---	<50.0	1.0	0.90	<0.50	<0.5	<0.5	<0.5
MW2	11/15/04	235.77	22.70	213.07	NLPH	---	<50.0	3.1	2.10	<0.50	<0.5	<0.5	1.3
MW2	02/17/05	235.77	17.55	218.22	NLPH	---	<50.0	---	0.80	<0.50	<0.5	<0.5	<0.5
MW2	06/07/05	235.77	17.08	218.69	NLPH	<51	<50.0	---	<0.50	<0.50	<0.5	<0.5	<0.5
MW2	09/08/05	235.77	19.04	216.73	NLPH	<50.0	<50.0	3.91	0.890	<0.50	<0.50	<0.50	<1.00

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3035
4501 Sonoma Highway
Santa Rosa, California

Well ID	Sampling Date	TOC (feet)	DTW (fbgs)	GW Elev. (feet)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW2	12/08/05	235.77	18.00	217.77	NLPH	<50.0	<50.0	<0.50	0.570	<0.50	<0.50	<0.50	<0.50
MW2	**03/30/06**	**235.77**	**10.48**	**225.29**	**NLPH**	**<47**	**<50**	**<2.5**	**<0.500**	**<0.50**	**<0.50**	**<0.50**	**<0.50**
MW3	12/01/94	233.13	14.43	218.70	NLPH	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW3	02/22/95	233.13	9.73	223.40	NLPH	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW3	04/10/95	233.13	8.76	224.37	NLPH	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW3	07/05/95	233.13	15.28	217.85	NLPH	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW3	10/17/95	233.13	19.09	214.04	NLPH	---	<50	---	---	2.1	<0.5	0.89	<1.0
MW3	01/05/96	233.13	14.00	219.13	NLPH	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW3	04/15/96	233.13	11.18	221.95	NLPH	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW3	07/16/96	233.13	16.53	216.60	NLPH	---	<50	---	---	0.90	3.4	0.62	3.0
MW3	10/02/96 c	233.13	---	---	---	---	---	---	---	---	---	---	---
MW3	01/02/97	233.13	6.99	a	NLPH	---	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW3	04/03/97	233.13	12.03	221.10	NLPH	---	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW3	07/03/97	233.13	16.33	216.80	NLPH	---	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW3	10/02/97	233.13	17.73	215.40	NLPH	---	180	51	---	2.8	<0.5	<0.5	<0.5
MW3	01/09/98	233.13	11.14	221.99	NLPH	---	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW3	04/01/98	233.13	9.76	223.37	NLPH	---	<50	<2.5	<2.0	<0.5	<0.5	<0.5	<0.5
MW3	07/02/98	233.13	14.25	218.88	NLPH	---	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW3	10/01/98	233.13	17.03	216.10	NLPH	---	110	13	---	3.3	0.71	<0.5	1.6
MW3	01/07/99	233.13	16.83	216.30	NLPH	---	<50	16	---	0.57	<0.5	0.60	1.7
MW3	04/07/99	233.13	9.89	223.24	NLPH	---	<50	<2.0	---	<0.5	<0.5	<0.5	<0.5
MW3	07/13/99	233.13	16.90	216.23	NLPH	---	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW3	10/28/99	233.13	17.55	215.58	NLPH	---	<50	<1	---	<1	<1	<1	<1
MW3	02/23/00	233.13	11.87	221.26	NLPH	---	<50	<2	---	<0.5	<0.5	<0.5	<0.5
MW3	05/30/00	233.13	11.33	221.80	NLPH	---	<50	<2	<5	<0.5	<0.5	<0.5	<0.5
MW3	06/16/00	233.13	Property transferred to Valero Refining Company.										
MW3	07/24/00	233.13	15.48	217.65	NLPH	---	<50	3.4	15	<0.5	<0.5	<0.5	<0.5
MW3	10/06/00	233.13	17.53	215.60	NLPH	---	<50	<2	---	1.5	1.6	0.78	3.8
MW3	01/05/01	233.13	18.31	214.82	NLPH	---	51	<2	---	3.2	2.4	1.1	4.5
MW3	04/09/01	233.13	13.23	219.90	NLPH	---	<50	<2	---	<0.5	<0.5	<0.5	<0.5
MW3	07/09/01	233.13	16.57	216.56	NLPH	---	<50	<2	---	<0.5	<0.5	<0.5	<0.5
MW3	10/01/01	233.13	19.99	213.14	NLPH	---	<50	<2	---	<0.5	<0.5	<0.5	<0.5
MW3	Nov-2001	233.08	Well surveyed in compliance with AB 2886 requirements.										
MW3	01/03/02	233.08	6.00	227.08	NLPH	---	<50.0	1.6	1.94	<0.50	0.70	<0.50	2.40
MW3	04/11/02	233.08	13.16	219.92	NLPH	---	<50.0	---	0.6	<0.50	<0.50	<0.50	<0.50
MW3	07/05/02	233.08	15.10	217.98	NLPH	---	<50.0	<0.5	---	<0.5	<0.5	<0.5	1.0
MW3	10/07/02	233.08	16.84	216.24	NLPH	---	<50.0	1.4	1.20	<0.5	<0.5	<0.5	<0.5
MW3	01/24/03	233.08	7.92	225.16	NLPH	---	<50.0	1.3	1.30	<0.5	<0.5	<0.5	<0.5
MW3	04/07/03	233.08	11.84	221.24	NLPH	---	<50.0	0.7	0.60	<0.50	<0.5	<0.5	<0.5
MW3	07/11/03 b	233.08	14.38	218.70	NLPH	---	<50.0	0.6	<0.50	<0.50	<0.5	<0.5	<0.5
MW3	10/02/03	233.08	17.3	215.78	NLPH	---	<50.0	1.0	0.90	<0.50	<0.5	<0.5	<0.5
MW3	01/07/04 c	233.08	---	---	---	---	---	---	---	---	---	---	---
MW3	04/06/04	233.08	13.35	219.73	NLPH	---	<50.0	1.1	1.2	0.80	<0.5	1.0	1.7
MW3	08/25/04	233.08	18.54	214.54	NLPH	---	<50.0	---	<0.5	<0.50	<0.5	<0.5	<0.5
MW3	11/15/04	233.08	18.46	214.62	NLPH	---	<50.0	2.6	2.30	<0.50	0.6	0.5	1.9
MW3	02/17/05	233.08	14.08	219.00	NLPH	---	<50.0	---	5.70	<0.50	<0.5	<0.5	0.8
MW3	06/07/05	233.08	12.67	220.41	NLPH	<51	<50.0	---	1.70	<0.50	<0.5	<0.5	<0.5

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3035
4501 Sonoma Highway
Santa Rosa, California

Well ID	Sampling Date	TOC (feet)	DTW (fbgs)	GW Elev. (feet)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW3	09/08/05	233.08	16.92	216.16	NLPH	<50.0	<50.0	8.55	6.97	<0.50	<0.50	<0.50	<1.00
MW3	12/08/05	233.08	14.73	218.35	NLPH	<50.0	<50.0	4.86	5.58	<0.50	<0.50	<0.50	<0.50
MW3	**03/30/06**	**233.08**	**8.95**	**224.13**	**NLPH**	**<47**	**<50**	**<2.5**	**0.790**	**<0.50**	**<0.50**	**<0.50**	**<0.50**
MW4	12/01/94	235.67	17.91	217.76	NLPH	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW4	02/22/95	235.67	13.51	222.16	NLPH	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW4	04/10/95	235.67	12.85	222.82	NLPH	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW4	07/05/95	235.67	19.28	216.39	NLPH	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW4	10/17/95	235.67	22.43	213.24	NLPH	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW4	01/05/96	235.67	17.47	218.20	NLPH	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW4	04/15/96	235.67	15.46	220.21	NLPH	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW4	07/16/96	235.67	20.07	215.60	NLPH	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW4	10/02/96	235.67	22.54	213.13	NLPH	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW4	01/02/97	235.67	10.92	224.75	NLPH	---	<50	4.3	---	<0.5	<0.5	<0.5	<0.5
MW4	04/03/97	235.67	15.78	219.89	NLPH	---	<50	8.6	---	<0.5	<0.5	<0.5	<0.5
MW4	07/03/97	235.67	19.66	216.01	NLPH	---	<50	9.9	---	<0.5	<0.5	<0.5	<0.5
MW4	10/02/97	235.67	21.80	213.87	NLPH	---	<50	7.3	---	<0.5	<0.5	<0.5	0.66
MW4	01/09/98	235.67	15.41	220.26	NLPH	---	<50	9.2	---	<0.5	<0.5	<0.5	<0.5
MW4	04/01/98	235.67	14.08	221.59	NLPH	---	<50	95	110.0	<0.5	<0.5	<0.5	<0.5
MW4	07/02/98	235.67	18.49	217.18	NLPH	---	<50	82	---	<0.5	<0.5	<0.5	<0.5
MW4	10/01/98	235.67	21.88	213.79	NLPH	---	<50	27	---	<0.5	<0.5	<0.5	<0.5
MW4	01/07/99	235.67	20.03	215.64	NLPH	---	<50	62	---	<0.5	<0.5	<0.5	<0.5
MW4	04/07/99	235.67	14.49	221.18	NLPH	---	<50	94.4	---	<0.5	<0.5	<0.5	<0.5
MW4	07/13/99	235.67	20.94	214.73	NLPH	---	<50	40.5	---	<0.5	<0.5	<0.5	<0.5
MW4	10/28/99	235.67	21.13	214.54	NLPH	---	<50	69	---	<1	<1	<1	<1
MW4	02/23/00	235.67	12.08	223.59	NLPH	---	<50	20	14	<0.5	<0.5	<0.5	<0.5
MW4	05/30/00	235.67	12.19	223.48	NLPH	---	<50	52	47	<0.5	<0.5	<0.5	<0.5
MW4	06/16/00	235.67	Property transferred to Valero Refining Company.										
MW4	07/24/00	235.67	20.81	214.86	NLPH	---	<50	200	150	<0.5	<0.5	<0.5	<0.5
MW4	10/06/00	235.67	21.74	213.93	NLPH	---	<50	260	180	<0.5	0.51	<0.5	0.77
MW4	01/05/01	235.67	21.40	214.27	NLPH	---	<50	290	---	<0.5	<0.5	<0.5	<0.5
MW4	04/09/01	235.67	18.40	217.27	NLPH	---	<50	1,500	1,900	<0.5	<0.5	<0.5	<0.5
MW4	07/09/01	235.67	21.38	214.29	NLPH	---	<50	1,900	1,800	<0.5	<0.5	<0.5	<0.5
MW4	10/01/01	235.67	22.39	213.28	NLPH	---	<50	310	380	<0.5	<0.5	<0.5	<0.5
MW4	Nov-2001	235.71	Well surveyed in compliance with AB 2886 requirements.										
MW4	01/03/02	235.71	9.71	226.00	NLPH	---	<50.0	55.1	87.5	<0.50	0.50	<0.50	2.00
MW4	04/11/02	235.71	18.42	217.29	NLPH	---	619	---	1,040	<0.50	<0.50	<0.50	<0.50
MW4	07/05/02	235.71	17.68	218.03	NLPH	---	699	761	722	<5.0	<5.0	<5.0	<5.0
MW4	10/07/02	235.71	21.32	214.39	NLPH	---	461	659	801	<0.5	<0.5	<0.5	<0.5
MW4	01/24/03	235.71	11.78	223.93	NLPH	---	266	345	269	<0.5	<0.5	<0.5	<0.5
MW4	04/07/03	235.71	17.32	218.39	NLPH	---	822	992	1,130	<0.50	<0.5	<0.5	<0.5
MW4	07/11/03 b	235.71	19.41	216.30	NLPH	---	867	838	965	<0.50	<0.5	<0.5	<0.5
MW4	10/02/03	235.71	21.66	214.05	NLPH	---	627	677	830	<0.50	<0.5	<0.5	<0.5
MW4	01/09/04	235.71	13.35	222.36	NLPH	---	175	240	277	<0.50	<0.5	<0.5	<0.5
MW4	04/06/04	235.71	18.90	216.81	NLPH	---	290	386	314	0.50	<0.5	1.9	2.9
MW4	08/25/04	235.71	22.74	212.97	NLPH	---	499	686	508	<0.50	<0.5	<0.5	<0.5
MW4	11/15/04	235.71	21.82	213.89	NLPH	---	281	240	286	<0.50	0.50	<0.5	1.3
MW4	02/17/05	235.71	17.88	217.83	NLPH	---	574	---	640	<0.50	<0.5	<0.5	<0.5

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3035
4501 Sonoma Highway
Santa Rosa, California

Well ID	Sampling Date	TOC (feet)	DTW (fbgs)	GW Elev. (feet)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW4	06/07/05	235.71	16.79	218.92	NLPH	<50	69.3	---	121	<0.50	<0.5	<0.5	<0.5
MW4	09/08/05	235.71	20.70	215.01	NLPH	<50.0	112	428	450	<0.50	<0.50	<0.50	<1.00
MW4	12/08/05	235.71	18.62	217.09	NLPH	<50.0	228	195	262	<0.50	<0.50	<0.50	<0.50
MW4	**03/30/06**	**235.71**	**11.92**	**223.79**	**NLPH**	**<47**	**<250**	**200**	**199**	**<2.5**	**<2.5**	**<2.5**	**<2.5**
MW5	Dec-2002	232.31	Well surveyed in compliance with AB 2886 requirements.										
MW5	01/24/03	232.31	12.24	220.07	NLPH	---	<50.0	17.0	16.6	<0.5	<0.5	<0.5	<0.5
MW5	04/07/03	232.31	14.69	217.62	NLPH	---	<50.0	22.3	23.4	<0.50	<0.5	<0.5	<0.5
MW5	07/11/03 b	232.31	16.18	216.13	NLPH	---	<50.0	8.8	9.10	<0.50	<0.5	<0.5	<0.5
MW5	10/02/03	232.31	18.84	213.47	NLPH	---	<50.0	2.5	2.90	<0.50	<0.5	<0.5	<0.5
MW5	01/09/04	232.31	12.57	219.74	NLPH	---	<50.0	3.70	3.4	<0.50	<0.5	<0.5	<0.5
MW5	04/06/04	232.31	15.51	216.80	NLPH	---	<50.0	7.5	5.1	<0.50	<0.5	<0.5	<0.5
MW5	08/25/04	232.31	18.34	213.97	NLPH	---	<50.0	0.9	0.70	<0.50	<0.5	<0.5	<0.5
MW5	11/15/04	232.31	18.77	213.54	NLPH	---	<50.0	<0.5	---	<0.50	<0.5	<0.5	1.0
MW5	02/17/05	232.31	15.71	216.60	NLPH	---	<50.0	---	<0.50	<0.50	<0.5	<0.5	<0.5
MW5	06/07/05	232.31	14.64	217.67	NLPH	<50	<50.0	---	3.00	<0.50	<0.5	<0.5	<0.5
MW5	09/08/05	232.31	15.52	216.79	NLPH	<50.0	<50.0	<0.50	<0.500	<0.50	<0.50	<0.50	<1.00
MW5	12/08/05	232.31	14.54	217.77	NLPH	<50.0	<50.0	<0.50	<0.500	<0.50	<0.50	<0.50	<0.50
MW5	**03/30/06**	**232.31**	**12.18**	**220.13**	**NLPH**	**<48**	**<50**	**35**	**30.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**
MW6	10/07/02	---	19.09	---	NLPH	---	<50.0	17.5	17.0	<0.5	<0.5	<0.5	<0.5
MW6	Dec-2002	231.91	Well surveyed in compliance with AB 2886 requirements.										
MW6	01/24/03	231.91	11.42	220.49	NLPH	---	<50.0	1.6	1.50	<0.5	<0.5	<0.5	<0.5
MW6	04/07/03	231.91	15.08	216.83	NLPH	---	<50.0	7.1	7.20	<0.50	<0.5	<0.5	<0.5
MW6	07/11/03 b	231.91	17.70	214.21	NLPH	---	63.7	52.9	57.9	<0.50	<0.5	<0.5	<0.5
MW6	10/02/03	231.91	19.44	212.47	NLPH	---	<50.0	38.1	45.6	<0.50	<0.5	<0.5	<0.5
MW6	01/09/04	231.91	12.05	219.86	NLPH	---	<50.0	3.0	3.00	<0.50	<0.5	<0.5	<0.5
MW6	04/06/04	231.91	15.47	216.44	NLPH	---	<50.0	17.3	14.4	<0.50	<0.5	<0.5	<0.5
MW6	08/25/04	231.91	20.50	211.41	NLPH	---	<50.0	45.6	42.2	<0.50	<0.5	<0.5	<0.5
MW6	11/15/04	231.91	19.45	212.46	NLPH	---	<50.0	15.2	15.0	<0.50	0.5	<0.5	1.2
MW6	02/17/05	231.91	16.02	215.89	NLPH	---	<50.0	---	4.40	<0.50	<0.5	<0.5	<0.5
MW6	06/07/05	231.91	14.96	216.95	NLPH	<51	<50.0	---	2.80	<0.50	<0.5	<0.5	<0.5
MW6	09/08/05	231.91	17.25	214.66	NLPH	<50.0	<50.0	24.5	38.6	<0.50	<0.50	<0.50	<1.00
MW6	12/08/05	231.91	15.82	216.09	NLPH	<50.0	<50.0	11.4	14.3	<0.50	<0.50	<0.50	<0.50
MW6	**03/30/06**	**231.91**	**12.21**	**219.70**	**NLPH**	**<48**	**<50**	**<2.5**	**<0.500**	**<0.50**	**<0.50**	**<0.50**	**<0.50**
MW7	Dec-2002	234.71	Well surveyed in compliance with AB 2886 requirements.										
MW7	01/24/03	234.71	11.33	223.38	NLPH	---	71.9	79.1	76.5	<0.5	<0.5	<0.5	<0.5
MW7	04/07/03	234.71	16.39	218.32	NLPH	---	<50.0	28.2	29.8	<0.50	<0.5	<0.5	<0.5
MW7	07/11/03 b	234.71	18.55	216.16	NLPH	---	<50.0	15.9	16.6	<0.50	<0.5	<0.5	<0.5
MW7	10/02/03	234.71	20.78	213.93	NLPH	---	<50.0	44.1	50.3	<0.50	<0.5	<0.5	<0.5
MW7	01/09/04	234.71	12.50	222.21	NLPH	---	<50.0	24.5	27.2	<0.50	<0.5	<0.5	<0.5
MW7	04/06/04	234.71	16.40	218.31	NLPH	---	<50.0	5.5	4.2	<0.50	<0.5	<0.5	<0.5
MW7	08/25/04	234.71	21.92	212.79	NLPH	---	<50.0	9.8	7.60	<0.50	<0.5	<0.5	<0.5
MW7	11/15/04	234.71	20.91	213.80	NLPH	---	<50.0	12.3	11.8	1.00	1.8	1.2	4.5
MW7	02/17/05	234.71	16.86	217.85	NLPH	---	<50.0	---	2.20	<0.50	<0.5	<0.5	0.7
MW7	06/07/05	234.71	15.93	218.78	NLPH	<50	<50.0	---	1.80	<0.50	<0.5	<0.5	<0.5
MW7	09/08/05	234.71	19.90	214.81	NLPH	<50.0	<50.0	16.6	16.9	<0.50	<0.50	<0.50	<1.00

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3035
4501 Sonoma Highway
Santa Rosa, California

Well ID	Sampling Date	TOC (feet)	DTW (fbgs)	GW Elev. (feet)	SUBJ	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW7	12/08/05	234.71	18.07	216.64	NLPH	<50.0	<50.0	16.2	22.3	<0.50	<0.50	<0.50	<0.50
MW7	**03/30/06**	**234.71**	**10.91**	**223.80**	**NLPH**	**<47**	**<50**	**9.7**	**7.96**	**<0.50**	**<0.50**	**<0.50**	**<0.50**
MW8	10/07/02	---	22.04	---	NLPH	---	<50.0	0.5	<0.50	<0.5	<0.5	<0.5	<0.5
MW8	Dec-2002	236.28	Well surveyed in compliance with AB 2886 requirements.										
MW8	01/24/03	236.28	13.62	222.66	NLPH	---	<50.0	<0.5	---	<0.5	<0.5	<0.5	<0.5
MW8	04/07/03	236.28	18.32	217.96	NLPH	---	<50.0	6.1	5.60	<0.50	<0.5	<0.5	<0.5
MW8	07/11/03 b	236.28	20.35	215.93	NLPH	---	<50.0	4.4	4.80	<0.50	<0.5	<0.5	<0.5
MW8	10/02/03	236.28	22.64	213.64	NLPH	---	<50.0	1.4	1.60	<0.50	<0.5	<0.5	<0.5
MW8	01/09/04	236.28	14.56	221.72	NLPH	---	<50.0	0.5	0.60	<0.50	<0.5	<0.5	<0.5
MW8	04/06/04	236.28	18.56	217.72	NLPH	---	<50.0	12.9	10.0	<0.50	<0.5	<0.5	<0.5
MW8	08/25/04	236.28	23.00	213.28	NLPH	---	<50.0	2.2	1.60	<0.50	<0.5	<0.5	<0.5
MW8	11/15/04	236.28	22.70	213.58	NLPH	---	<50.0	0.9	0.90	0.60	1.2	0.8	2.8
MW8	02/17/05	236.28	19.08	217.20	NLPH	---	<50.0	---	5.40	<0.50	<0.5	<0.5	<0.5
MW8	06/07/05	236.28	17.87	218.41	NLPH	<50	<50.0	---	8.40	<0.50	<0.5	<0.5	<0.5
MW8	09/08/05	236.28	20.91	215.37	NLPH	<50.0	<50.0	3.61	0.720	<0.50	<0.50	<0.50	<1.00
MW8	12/08/05	236.28	19.59	216.69	NLPH	<50.0	<50.0	<0.50	<0.500	<0.50	<0.50	<0.50	<0.50
MW8	**03/30/06**	**236.28**	**13.31**	**222.97**	**NLPH**	**<47**	**<50**	**3.1**	**2.63**	**<0.50**	**<0.50**	**<0.50**	**<0.50**

Notes:

SUBJ	=	Results of subjective evaluation.
NLPH	=	No liquid-phase hydrocarbons present in well.
TOC	=	Top of well casing elevation; datum is mean sea level.
DTW	=	Depth to water.
GW Elev.	=	Groundwater elevation; datum is mean sea level.
TPHd	=	Total petroleum hydrocarbons as diesel analyzed using EPA Method 8015B with silica gel cleanup. Analyses added at the request of the California Regional Water Quality Control Board, North Coast Region in second quarter 2005.
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015 (modified).
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.
MTBE 8021B	=	Methyl tertiary butyl ether analyzed using EPA Method 8020 or 8021B.
MTBE 8260B	=	Methyl tertiary butyl ether analyzed using EPA Method 8260B.
ETBE	=	Ethyl tertiary butyl ether analyzed using EPA Method 8260B.
TAME	=	Tertiary amyl methyl ether analyzed using EPA Method 8260B.
TBA	=	Tertiary butyl alcohol analyzed using EPA Method 8260B.
EDB	=	1,2-dibromoethane analyzed using EPA Method 8260B.
1,2-DCA	=	1,2-dichloroethane analyzed using EPA Method 8260B.
DIPE	=	Di-isopropyl ether analyzed using EPA Method 8260B.
Ethanol	=	Ethanol analyzed using EPA Method 8260B.
fbgs	=	Feet below ground surface.
µg/L	=	Micrograms per liter.
<	=	Less than the indicated reporting limit shown by the laboratory.
---	=	Not measured/Not sampled/Not analyzed.
a	=	Elevation of casing altered during construction.
b	=	Groundwater samples received by laboratory out of temperature compliance at 14.4 degrees celsius.
c	=	Well inaccessible.
d	=	*Sample containers broken in shipment; no analyses conducted.*

TABLE 1B

ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 7-3035
4501 Sonoma Highway
Santa Rosa, California

Well ID	Sampling Date	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	DIPE (µg/L)	Ethanol (µg/L)	Methanol (µg/L)
MW1	12/01/94 - 01/09/98	Not analyzed for these analytes.							
MW1	04/01/98	<2.0	<2.0	<100	---	---	<2.0	<500	---
MW1	07/02/98 - 02/23/00	Not analyzed for these analytes.							
MW1	05/30/00	---	<10	<500	<5	<5	<10	---	---
MW1	06/16/00 - Property transferred to Valero Refining Company.								
MW1	07/24/00 - 04/07/03	Not analyzed for these analytes.							
MW1	07/11/03 b	---	---	---	---	---	---	---	---
MW1	10/02/03	---	---	---	---	---	---	---	---
MW1	01/09/04	<0.50	<0.50	2,360	<0.50	<0.50	<0.50	---	---
MW1	04/06/04	---	---	---	---	---	---	---	---
MW1	08/25/04	---	---	---	---	---	---	---	---
MW1	11/15/04	---	---	---	---	---	---	---	---
MW1	02/17/05	<0.50	1.10	11,200	<0.50	<0.50	<0.50	<50.0	---
MW1	06/07/05	<0.50	< 0.50	1,150	<0.50	<0.50	<0.50	<50.0	---
MW1	09/08/05	<0.500	<0.500	354	<0.500	<0.500	<0.500	<50.0	<10,000
MW1	12/08/05	<0.500	<0.500	575	<0.500	<0.500	<0.500	<50.0	<10,000
MW1	**03/30/06**	**<0.500**	**<0.500**	**223**	**<0.500**	**<0.500**	**<0.500**	**<50.0**	**<100**
MW2	12/01/94 - 01/09/98	Not analyzed for these analytes.							
MW2	04/01/98	<2.0	<2.0	<100	---	---	<2.0	<500	---
MW2	07/02/98 - 02/23/00	Not analyzed for these analytes.							
MW2	05/30/00	---	<10	<500	<5	<5	<10	---	---
MW2	06/16/00 - Property transferred to Valero Refining Company.								
MW2	07/24/00 - 04/07/03	Not analyzed for these analytes.							
MW2	07/11/03 b	---	---	---	---	---	---	---	---
MW2	10/02/03	---	---	---	---	---	---	---	---
MW2	01/09/04	<0.50	<0.50	257	<0.50	<0.50	<0.50	---	---
MW2	04/06/04	---	---	---	---	---	---	---	---
MW2	08/25/04	---	---	---	---	---	---	---	---
MW2	11/15/04	---	---	---	---	---	---	---	---
MW2	02/17/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0	---
MW2	06/07/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0	---
MW2	09/08/05	<0.500	<0.500	231	<0.500	1.71	<0.500	<50.0	<10,000
MW2	12/08/05	<0.500	<0.500	32.4	<0.500	<0.500	<0.500	<50.0	<10,000
MW2	**03/30/06**	**<0.500**	**<0.500**	**<10.0**	**<0.500**	**<0.500**	**<0.500**	**<50.0**	**<100**
MW3	12/01/94 - 01/09/98	Not analyzed for these analytes.							
MW3	04/01/98	<2.0	<2.0	<100	---	---	<2.0	<500	---
MW3	07/02/98 - 02/23/00	Not analyzed for these analytes.							
MW3	05/30/00	---	<10	<500	<5	<5	<10	---	---
MW3	06/16/00 - Property transferred to Valero Refining Company.								
MW3	07/24/00 - 04/07/03	Not analyzed for these analytes.							
MW3	07/11/03 b	---	---	---	---	---	---	---	---
MW3	10/02/03	---	---	---	---	---	---	---	---

TABLE 1B

ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 7-3035
4501 Sonoma Highway
Santa Rosa, California

Well ID	Sampling Date	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	DIPE (µg/L)	Ethanol (µg/L)	Methanol (µg/L)
MW3	01/07/04	NLPH	c	c	c	c	c	c	---
MW3	04/06/04	---	---	---	---	---	---	---	---
MW3	08/25/04	---	---	---	---	---	---	---	---
MW3	11/15/04	---	---	---	---	---	---	---	---
MW3	02/17/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0	---
MW3	06/07/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0	---
MW3	09/08/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0	<10,000
MW3	12/08/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0	<10,000
MW3	**03/30/06**	**<0.500**	**<0.500**	**<10.0**	**<0.500**	**<0.500**	**<0.500**	**<50.0**	**---**
MW4	12/01/94 - 01/09/98	Not analyzed for these analytes.							
MW4	04/01/98	<2.0	<2.0	<100	---	---	<2.0	<500	---
MW4	07/02/98 - 02/23/00	Not analyzed for these analytes.							
MW4	05/30/00	---	<10	<500	<5	<5	<10	---	---
MW4	06/16/00 - Property transferred to Valero Refining Company.								
MW4	07/24/00 - 04/07/03	Not analyzed for these analytes.							
MW4	07/11/03 b	---	---	---	---	---	---	---	---
MW4	10/02/03	---	---	---	---	---	---	---	---
MW4	01/09/04	<0.50	3.10	2.49	<0.50	<0.50	<0.50	---	---
MW4	04/06/04	---	---	---	---	---	---	---	---
MW4	08/25/04	---	---	---	---	---	---	---	---
MW4	11/15/04	---	---	---	---	---	---	---	---
MW4	02/17/05	<0.50	4.00	90.9	<0.50	<0.50	<0.50	<50.0	---
MW4	06/07/05	<0.50	1.50	<10.0	<0.50	<0.50	<0.50	<50.0	---
MW4	09/08/05	<0.500	2.22	<10.0	<0.500	<0.500	<0.500	<50.0	<10,000
MW4	12/08/05	<0.500	3.43	<10.0	<0.500	<0.500	<0.500	<50.0	<10,000
MW4	**03/30/06**	**<0.500**	**2.96**	**<10.0**	**<0.500**	**<0.500**	**<0.500**	**<50.0**	**---**
MW5	01/24/03	---	---	---	---	---	---	---	---
MW5	04/07/03	---	---	---	---	---	---	---	---
MW5	07/11/03 b	---	---	---	---	---	---	---	---
MW5	10/02/03	---	---	---	---	---	---	---	---
MW5	01/09/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---	---
MW5	04/06/04	---	---	---	---	---	---	---	---
MW5	08/25/04	---	---	---	---	---	---	---	---
MW5	11/15/04	---	---	---	---	---	---	---	---
MW5	02/17/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0	---
MW5	06/07/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0	---
MW5	09/08/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0	<10,000
MW5	12/08/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0	<10,000
MW5	**03/30/06**	**<0.500**	**<0.500**	**<10.0**	**<0.500**	**<0.500**	**<0.500**	**<50.0**	**---**
MW6	10/07/02	---	---	---	---	---	---	---	---
MW6	01/24/03	---	---	---	---	---	---	---	---

TABLE 1B

ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 7-3035
4501 Sonoma Highway
Santa Rosa, California

Well ID	Sampling Date	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	DIPE (µg/L)	Ethanol (µg/L)	Methanol (µg/L)
MW6	04/07/03	---	---	---	---	---	---	---	---
MW6	07/11/03 b	---	---	---	---	---	---	---	---
MW6	10/02/03	---	---	---	---	---	---	---	---
MW6	01/09/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---	---
MW6	04/06/04	---	---	---	---	---	---	---	---
MW6	08/25/04	---	---	---	---	---	---	---	---
MW6	11/15/04	---	---	---	---	---	---	---	---
MW6	02/17/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0	---
MW6	06/07/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0	---
MW6	09/08/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0	<10,000
MW6	12/08/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0	<10,000
MW6	**03/30/06**	**<0.500**	**<0.500**	**<10.0**	**<0.500**	**<0.500**	**<0.500**	**<50.0**	**---**
MW7	01/24/03	---	---	---	---	---	---	---	---
MW7	04/07/03	---	---	---	---	---	---	---	---
MW7	07/11/03 b	---	---	---	---	---	---	---	---
MW7	10/2/03	---	---	---	---	---	---	---	---
MW7	01/09/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---	---
MW7	04/06/04	---	---	---	---	---	---	---	---
MW7	08/25/04	---	---	---	---	---	---	---	---
MW7	11/15/04	---	---	---	---	---	---	---	---
MW7	02/17/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0	---
MW7	06/07/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0	---
MW7	09/08/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0	<10,000
MW7	12/08/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0	<10,000
MW7	**03/30/06**	**<0.500**	**<0.500**	**<10.0**	**<0.500**	**<0.500**	**<0.500**	**<50.0**	**---**
MW8	10/07/02	---	---	---	---	---	---	---	---
MW8	01/24/03	---	---	---	---	---	---	---	---
MW8	04/07/03	---	---	---	---	---	---	---	---
MW8	07/11/03 b	---	---	---	---	---	---	---	---
MW8	10/02/03	---	---	---	---	---	---	---	---
MW8	01/09/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---	---
MW8	04/06/04	---	---	---	---	---	---	---	---
MW8	08/25/04	---	---	---	---	---	---	---	---
MW8	11/15/04	---	---	---	---	---	---	---	---
MW8	02/17/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0	---
MW8	06/07/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0	---
MW8	09/08/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0	<10,000
MW8	12/08/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0	<10,000
MW8	**03/30/06**	**<0.500**	**<0.500**	**<10.0**	**<0.500**	**<0.500**	**<0.500**	**<50.0**	**---**

TABLE 1B

ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 7-3035
4501 Sonoma Highway
Santa Rosa, California

Notes:

SUBJ	=	Results of subjective evaluation.
NLPH	=	No liquid-phase hydrocarbons present in well.
TOC	=	Top of well casing elevation; datum is mean sea level.
DTW	=	Depth to water.
GW Elev.	=	Groundwater elevation; datum is mean sea level.
TPHd	=	Total petroleum hydrocarbons as diesel analyzed using EPA Method 8015B with silica gel cleanup. Analyses added at the request of the California Regional Water Quality Control Board, North Coast Region in second quarter 2005.
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015 (modified).
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.
MTBE 8021B	=	Methyl tertiary butyl ether analyzed using EPA Method 8020 or 8021B.
MTBE 8260B	=	Methyl tertiary butyl ether analyzed using EPA Method 8260B.
ETBE	=	Ethyl tertiary butyl ether analyzed using EPA Method 8260B.
TAME	=	Tertiary amyl methyl ether analyzed using EPA Method 8260B.
TBA	=	Tertiary butyl alcohol analyzed using EPA Method 8260B.
EDB	=	1,2-dibromoethane analyzed using EPA Method 8260B.
1,2-DCA	=	1,2-dichloroethane analyzed using EPA Method 8260B.
DIPE	=	Di-isopropyl ether analyzed using EPA Method 8260B.
Ethanol	=	Ethanol analyzed using EPA Method 8260B.
fbgs	=	Feet below ground surface.
µg/L	=	Micrograms per liter.
<	=	Less than the indicated reporting limit shown by the laboratory.
---	=	Not measured/Not sampled/Not analyzed.
a	=	Elevation of casing altered during construction.
b	=	Groundwater samples received by laboratory out of temperature compliance at 14.4 degrees celsius.
c	=	Well inaccessible.
d	=	Sample containers broken in shipment; no analyses conducted.

TABLE 2A
PRIVATE WATER WELL SAMPLING DATA
Former Exxon Service Station 7-3035
4501 Sonoma Highway
Santa Rosa, California

Well ID	Sampling Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
W4100	11/03/04	<50	<50.0	<0.50	<0.50	<0.50	<1.00	<0.50
W4100	06/07/05 a	---	---	---	---	---	---	---
W4100	09/08/05 a	---	---	---	---	---	---	---
W4100	12/08/05	Well reportedly destroyed.						
W4200	11/03/04	<50	<50.0	<0.50	<0.50	<0.50	<1.00	<0.50
W4200	06/07/05	<50	<50.0	<0.50	<0.50	<0.50	<1.00	<0.50
W4200	09/08/05	<50.0	<50.0	<0.500	<0.500	<0.500	<1.00	<0.500
W4200	12/08/05 e	---	---	---	---	---	---	---
W4200	**03/30/06**	**<47**	**<50**	**<0.50f**	**<0.50f**	**<0.50f**	**<0.50**	**<0.50**
W4420A	11/03/04	<50	<50.0	<0.50	<0.50	<0.50	<1.00	<0.50
W4420A	06/07/05	<50	<50.0	<0.50	<0.50	<0.50	<1.00	<0.50
W4420A	09/08/05	<50.0	<50.0	<0.500	<0.500	<0.500	<1.00	<0.500
W4420A	12/08/05 e	---	---	---	---	---	---	---
W4420A	**03/30/06 g**	**---**	**---**	**---**	**---**	**---**	**---**	**---**
W4420B	11/03/04	<50	<50.0	<0.50	<0.50	<0.50	<1.00	<0.50
W4420B	06/07/05 a	---	---	---	---	---	---	---
W4420B	09/08/05	<52.6	<50.0	<0.500	<0.500	<0.500	<1.00	<0.500
W4420B	12/08/05 e	---	---	---	---	---	---	---
W4420B	**03/30/06 g**	**---**	**---**	**---**	**---**	**---**	**---**	**---**
W4343	11/03/04	<50	<50.0	<0.50	<0.50	<0.50	<1.00	<0.50
W4343	06/07/05	<50	<50.0	<0.50	<0.50	<0.50	<1.00	<0.50
W4343	09/08/05	64.6d	<50.0	<0.500	<0.500	<0.500	<1.00	<0.500
W4343	09/30/05	<50.0	<50.0	<0.500	<0.500	<0.500	<1.00	<0.500
W4343	12/08/05	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500
W4343	**03/30/06**	**<47**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**
W4358	11/03/04	<50	<50.0	<0.50	<0.50	<0.50	<1.00	<0.50
W4358	06/07/05	---	---	---	---	---	---	---
W4358	09/08/05	<50.0	<50.0	<0.500	<0.500	<0.500	<1.00	<0.500
W4358	12/08/05 e	---	---	---	---	---	---	---
W4358	**03/30/06**	**<47**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**
W4372	11/03/04	<50	<50.0	<0.50	<0.50	<0.50	<1.00	<0.50
W4372	06/07/05	---	---	---	---	---	---	---
W4372	09/08/05	<50.0	<50.0	<0.500	<0.500	<0.500	<1.00	<0.500
W4372	12/08/05 e	---	---	---	---	---	---	---
W4372	**03/30/06**	**<47**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**

TABLE 2A

PRIVATE WATER WELL SAMPLING DATA

Former Exxon Service Station 7-3035
4501 Sonoma Highway
Santa Rosa, California
(Page 2 of 2)

Well ID	Sampling Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
W4389	10/04/04	<50	<50.0	<0.50	<0.50	<0.50	<1.00	1.30
W4389	06/07/05	<50	<50.0	<0.50	<0.50	<0.50	<1.00	1.20
W4389	09/08/05	<50.0	<50.0	<0.500	<0.500	<0.500	<1.00	3.88
W4389	12/08/05	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500
W4389	**03/30/06**	**<47**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**
W4344	07/28/05 b	<50	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50
	Primary CDHS MCL	c	c	c	c	c	c	13
	Secondary CDHS MCL	c	c	c	c	c	c	5

Notes:

CDHS MCL	=	California Department of Health Services Maximum Contaminant Level.
TPHd	=	Total petroleum hydrocarbons as diesel analyzed using EPA Method 8015B.
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015B.
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 524.2.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 524.2.
ETBE	=	Ethyl tertiary butyl ether analyzed using EPA Method 524.2.
TAME	=	Tertiary amyl methyl ether analyzed using EPA Method 524.2.
TBA	=	Tertiary butyl alcohol analyzed using EPA Method 524.2.
EDB	=	1,2-dibromoethane analyzed using EPA Method 524.2.
1,2-DCA	=	1,2-dichloroethane analyzed using EPA Method 524.2.
Isopropyl Ether	=	Isopropyl ether analyzed using EPA Method 524.2.
Ethanol	=	Ethanol analyzed using EPA Method 524.2.
Methanol	=	Methanol analyzed using EPA Method 8015B.
<	=	Less than the indicated reporting limit shown by the laboratory.
---	=	Not measured/Not sampled/Not analyzed.
a	=	Well inaccessible.
b	=	One-time sample only per access agreement.
c	=	MCL values not applicable; analyte not detected in private wells.
d	=	The chromatogram was not consistent with diesel fuel.
e	=	Well sampled semi-annually.
f	=	Insufficient preservative to reduce sample pH to less than 2. Sample analyzed within 14 days of sampling, but beyond the 7 days recommended for benzene, toluene, and ethylbenzene.
g	=	Unable to extract water; no utility service.

TABLE 2B
ADDITIONAL PRIVATE WATER WELL SAMPLING DATA
Former Exxon Service Station 7-3035
4501 Sonoma Highway
Santa Rosa, California

Well ID	Sampling Date	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Isopropyl Ether (µg/L)	Ethanol (µg/L)	Methanol (µg/L)
W4100	11/03/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0	<10,000
W4100	06/07/05 a	---	---	---	---	---	---	---	---
W4100	09/08/05 a	---	---	---	---	---	---	---	---
W4100	12/08/05	Well reportedly destroyed.							
W4200	11/03/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0	<10,000
W4200	06/07/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0	<5,000
W4200	09/08/05	<0.500	<0.500	<5.00	<0.500	<0.500	<0.500	<50.0	<10,000
W4200	12/08/05 e	---	---	---	---	---	---	---	---
W4200	**03/30/06**	**<0.50**	**<0.50**	**<20**	**<0.50**	**<0.50**	**<0.50**	**<100**	**<100**
W4420A	11/03/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0	<10,000
W4420A	06/07/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0	<5,000
W4420A	09/08/05	<0.500	<0.500	<5.00	<0.500	<0.500	<0.500	<50.0	<10,000
W4420A	12/08/05 e	---	---	---	---	---	---	---	---
W4420A	**03/30/06 g**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**
W4420B	11/03/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0	<10,000
W4420B	06/07/05 a	---	---	---	---	---	---	---	---
W4420B	09/08/05	<0.500	<0.500	<5.00	<0.500	<0.500	<0.500	<50.0	<10,000
W4420B	12/08/05 e	---	---	---	---	---	---	---	---
W4420B	**03/30/06 g**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**
W4343	11/03/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0	<10,000
W4343	06/07/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0	<5,000
W4343	09/08/05	<0.500	<0.500	<5.00	<0.500	<0.500	<0.500	<50.0	<10,000
W4343	09/30/05	<0.500	<0.500	<5.00	<0.500	<0.500	<0.500	<50.0	<10,000
W4343	12/08/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0	<10,000
W4343	**03/30/06**	**<0.50**	**<0.50**	**<20**	**<0.50**	**<0.50**	**<0.50**	**<100**	**<100**
W4358	11/03/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0	<10,000
W4358	06/07/05	---	---	---	---	---	---	---	---
W4358	09/08/05	<0.500	<0.500	<5.00	<0.500	<0.500	<0.500	<50.0	<10,000
W4358	12/08/05 e	---	---	---	---	---	---	---	---
W4358	**03/30/06**	**<0.50**	**<0.50**	**<20**	**<0.50**	**<0.50**	**<0.50**	**<100**	**<100**
W4372	11/03/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0	<10,000
W4372	06/07/05	---	---	---	---	---	---	---	---
W4372	09/08/05	<0.500	<0.500	<5.00	<0.500	<0.500	<0.500	<50.0	<10,000

TABLE 2B
ADDITIONAL PRIVATE WATER WELL SAMPLING DATA
Former Exxon Service Station 7-3035
4501 Sonoma Highway
Santa Rosa, California

Well ID	Sampling Date	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Isopropyl Ether (µg/L)	Ethanol (µg/L)	Methanol (µg/L)
W4372	12/08/05 e	---	---	---	---	---	---	---	---
W4372	**03/30/06**	**<0.50**	**<0.50**	**<20**	**<0.50**	**<0.50**	**<0.50**	**<100**	**<100**
W4389	10/04/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0	<10,000
W4389	06/07/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0	<5,000
W4389	09/08/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0	<10,000
W4389	12/08/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	<50.0	<10,000
W4389	**03/30/06**	**<0.50**	**<0.50**	**<20**	**<0.50**	**<0.50**	**<0.50**	**<100**	**<100**
W4344	07/28/05 b	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0	<5,000

Notes:

CDHS MCL	=	California Department of Health Services Maximum Contaminant Level.
TPHd	=	Total petroleum hydrocarbons as diesel analyzed using EPA Method 8015B.
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015B.
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 524.2.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 524.2.
ETBE	=	Ethyl tertiary butyl ether analyzed using EPA Method 524.2.
TAME	=	Tertiary amyl methyl ether analyzed using EPA Method 524.2.
TBA	=	Tertiary butyl alcohol analyzed using EPA Method 524.2.
EDB	=	1,2-dibromoethane analyzed using EPA Method 524.2.
1,2-DCA	=	1,2-dichloroethane analyzed using EPA Method 524.2.
Isopropyl Ether	=	Isopropyl ether analyzed using EPA Method 524.2.
Ethanol	=	Ethanol analyzed using EPA Method 524.2.
Methanol	=	Methanol analyzed using EPA Method 8015B.
µg/L	=	Micrograms per liter.
<	=	Less than the indicated reporting limit shown by the laboratory.
---	=	Not measured/Not sampled/Not analyzed.
a	=	Well inaccessible.
b	=	One-time sample only per access agreement.
c	=	MCL values not applicable; analyte not detected in private wells.
d	=	The chromatogram was not consistent with diesel fuel.
f	=	Insufficient preservative to reduce sample pH to less than 2. Sample analyzed within 14 days of sampling, but beyond the 7 days recommended for benzene, toluene, and ethylbenzene.
g	=	Unable to extract water; no utility service.

TABLE 3A
CUMULATIVE GRAB GROUNDWATER SAMPLE ANALYTICAL RESULTS
Former Exxon Service Station 7-3035
4501 Sonoma Hwy
Santa Rosa, California

Sample ID	Date Sampled	Depth (fbgs)	TPHd (µg/L)	TPHg (µg/L)	MTBE (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
Geoprobe Borings									
W-24-B5	10/04/95	24	---	<50	---	<0.50a	<0.50a	<0.50a	<0.50a
W-23-B6	10/04/95	23	---	<50	---	<0.50a	<0.50a	<0.50a	<0.50a
73035-1-25W (GP1)	04/19/00	25	---	<50	21a/22	<0.5a	<0.5a	<0.5a	<0.5a
Remediation Wells									
W-12-AS/SVE4	04/19/00	12	---	98	39,000a/32,000	0.58a	<0.5	<0.5a	<0.5a
CPT-HP Borings									
W-42-CPT1 (HP1)	08/18/04	42	---	<100	6,100	<1.00	<1.0	<1.0	<3.0
W-54-CPT1 (HP1)	08/18/04	54	---	197	80.9	<0.50	<0.5	<0.5	1.4
W-25-CPT2 (HP2)	08/20/04	25	---	<50	<0.50	<0.50	<0.5	<0.5	<0.5
W-38-CPT2 (HP2)	08/20/04	38	---	<50	<0.50	<0.50	<0.5	<0.5	<0.5
W-60-CPT2 (HP2)	08/20/04	60	---	<50	<0.50	<0.50	<0.5	<0.5	<0.5
W-25-CPT3 (HP3)	08/19/04	25	---	73.2	<0.50	<0.50	<0.5	<0.5	<0.5
W-35-CPT3 (HP3)	08/19/04	35	---	<50	6.00	<0.50	<0.5	<0.5	<0.5
W-48-CPT3 (HP3)	08/19/04	48	---	<50	19.4	<0.50	<0.5	<0.5	<0.5
W-36-CPT4 (HP4)	09/24/04	36	---	3,240	5,200	<0.50	<0.5	<0.5	<0.5
W-42-CPT4 (HP4)	09/24/04	42	---	3,920	6,450	<0.50	<0.5	<0.5	0.8
W-50-CPT5 (HP5)	08/20/04	50	---	<50.0	3.40	<0.50	<0.5	<0.5	<0.5
W-24-HP8	03/08/06	24	50	<1,000	1,000/270a	<10	<10	<10	<10
W-38-HP8	03/08/06	38	51	420	80/69a	<2.5	<2.5	<2.5	<2.5
W-56-HP8	03/08/06	56	b	<50	17/18a	<0.50	<0.50	<0.50	<0.50

Notes:

W-42-CPT1	=	Water sample-depth in feet below ground surface-boring CPT1.
fbgs	=	Feet Below ground surface.
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8260B.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8260B.
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 8260B.
ETBE	=	Ethyl tertiary butyl ether analyzed using EPA Method 8260B.
TAME	=	Tertiary amyl methyl ether analyzed using EPA Method 8260B.
TBA	=	Tertiary butyl alcohol analyzed using EPA Method 8260B.
EDB	=	1,2-dibromoethane analyzed using EPA Method 8260B.
1,2-DCA	=	1,2-dichloroethane analyzed using EPA Method 8260B.
DIPE	=	Di-isopropyl ether analyzed using EPA Method 8260B.
µg/L	=	Mircograms per liter.
<	=	Less than the stated laboratory reporting limit.
---	=	Not analyzed/not applicable.
a	=	Analyzed using EPA Method 8021B.
b	=	Insufficient water to sample.

TABLE 3B
ADDITIONAL CUMULATIVE GRAB GROUNDWATER SAMPLE ANALYTICAL RESULTS
Former Exxon Service Station 7-3035
4501 Sonoma Highway
Santa Rosa, California

Sample ID	Sampling Date	Depth (fbgs)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	DIPE (µg/L)	Ethanol (µg/L)
Geoprobe Borings									
W-24-B5	10/4/1995	24	---	---	---	---	---	---	---
W-23-B6	10/4/1995	23	---	---	---	---	---	---	---
73035-1-25W	04/19/00	25	---	---	---	---	---	---	---
Remediation Wells									
W-12-AS/SVE4	04/19/00	12	---	---	---	---	---	---	---
CPT-HP Borings									
W-42-CPT1 (HP1)	08/18/04	42	<0.50	6.90	90.0	<0.50	<0.50	<0.50	---
W-54-CPT1 (HP1)	08/18/04	54	<0.50	<0.50	40.6	<0.50	<0.50	<0.50	---
W-25-CPT2 (HP2)	08/20/04	25	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
W-38-CPT2 (HP2)	08/20/04	38	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
W-60-CPT2 (HP2)	08/20/04	60	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
W-25-CPT3 (HP3)	08/19/04	25	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
W-35-CPT3 (HP3)	08/19/04	35	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
W-48-CPT3 (HP3)	08/19/04	48	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
W-36-CPT4 (HP4)	09/24/04	36	<0.50	5.00	1,620	<0.50	<0.50	<0.50	---
W-42-CPT4 (HP4)	09/24/04	42	<0.50	5.80	602	<0.50	<0.50	<0.50	---
W-50-CPT5 (HP5)	08/20/04	50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	---
W-24-HP8	03/08/06	24	<10	<10	4,400	<10	<10	<10	<2,000
W-38-HP8	03/08/06	38	<2.5	<2.5	930	<2.5	<2.5	<2.5	<500
W-56-HP8	03/08/06	56	<0.50	<0.50	42	<0.50	<0.50	<0.50	<100

Notes:

W-42-CPT1	=	Water sample-depth in feet below ground surface-boring CPT1.
fbgs	=	Feet Below ground surface.
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8260B.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8260B.
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 8260B.
ETBE	=	Ethyl tertiary butyl ether analyzed using EPA Method 8260B.
TAME	=	Tertiary amyl methyl ether analyzed using EPA Method 8260B.
TBA	=	Tertiary butyl alcohol analyzed using EPA Method 8260B.
EDB	=	1,2-dibromoethane analyzed using EPA Method 8260B.
1,2-DCA	=	1,2-dichloroethane analyzed using EPA Method 8260B.
DIPE	=	Di-isopropyl ether analyzed using EPA Method 8260B.
µg/L	=	Mircograms per liter.
<	=	Less than the stated laboratory reporting limit.
---	=	Not analyzed/not applicable.
a	=	Analyzed using EPA Method 8021B.
b	=	Insufficient water to sample.

TABLE 4A
CUMULATIVE SOIL SAMPLE ANALYTICAL RESULTS
Former Exxon Service Station 7-3035
4501 Sonoma Highway
Santa Rosa, California

Sample ID	Sampling Date	Sample Depth (fbgs)	TPHd (mg/kg)	TPHg (mg/kg)	MTBE (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	TOG (mg/kg)	HVOCs (mg/kg)	SVOCs (mg/kg)
Excavations												
Gasoline USTs												
S13T1W	11/16/93	13	---	7.7	---	0.076	0.21	0.12	0.59	---	---	---
S13T1E	11/16/93	13	---	5.7	---	0.022	0.013	<0.005	0.0095	---	---	---
S13T2W	11/16/93	13	---	12.0	---	0.15	0.17	0.13	0.63	---	---	---
S13T2E	11/16/93	13	---	25.0	---	0.30	0.83	0.30	1.6	---	---	---
S13T3W	11/16/93	13	---	11.0	---	0.022	0.084	0.073	0.38	---	---	---
S13T3E	11/16/93	13	---	3.8	---	0.13	0.087	0.010	0.058	---	---	---
Used-Oil UST												
SW0A	12/28/93	12	<5.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	<50	ND	---
SW0B	12/28/93	12	<5.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	<50	ND	---
Product Lines												
S4PL1	11/18/93	4	---	<1.0	---	<0.005	<0.005	0.0052	0.031	---	---	---
S4PL2	11/18/93	4	---	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	---	---
S4PL3	11/18/93	4	---	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	---	---
S4PL4	11/18/93	4	---	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	---	---
S4PL5	11/18/93	4	---	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	---	---
S4PL6	11/18/93	4	---	<1.0	---	<0.005	<0.005	<0.005	0.039	---	---	---
S4PL7	11/18/93	4	---	<1.0	---	0.012	0.011	<0.005	0.039	---	---	---
Dispensers												
S4D1	11/18/93	4	---	<1.0	---	0.010	<0.005	0.039	0.092	---	---	---
S4D2	11/18/93	4	---	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	---	---
S4D3	11/18/93	4	---	<1.0	---	<0.005	<0.005	<0.005	0.0052	---	---	---
S4D4	11/18/93	4	---	<1.0	---	0.013	0.019	0.032	0.089	---	---	---
Monitoring Wells												
S-10-B1 (MW1)	11/22/94	10	---	<1	---	<0.005	<0.005	<0.005	<0.005	---	---	---
S-15-B1 (MW1)	11/22/94	15	---	<1	---	<0.005	<0.005	<0.005	<0.005	---	---	---
S-10-B2 (MW2)	11/22/94	10	---	2	---	0.250	0.020	0.058	0.230	---	---	---
S-15-B2 (MW2)	11/22/94	15	---	1	---	0.200	<0.005	0.027	0.049	---	---	---
S-10-B3 (MW3)	11/23/94	10	---	<1	---	<0.005	<0.005	<0.005	<0.005	---	---	---
S-15-B3 (MW3)	11/23/94	15	---	<1	---	<0.005	<0.005	<0.005	<0.005	---	---	---
S-10-B4 (MW4)	11/23/94	10	---	<1	---	<0.005	<0.005	<0.005	<0.005	---	---	---
S-15-B4 (MW4)	11/23/94	15	---	<1	---	<0.005	<0.005	<0.005	<0.005	---	---	---
S-10-MW5	11/08/02	10	---	<5.00	<0.0014	0.001	<0.001	<0.001	<0.001	---	---	---
S-15-MW5	11/08/02	15	---	<5.00	<0.0016	<0.001	<0.001	<0.001	<0.001	---	---	---
S-10-MW6	09/05/02	10	---	<0.50	<0.00039	<0.0050	<0.0050	<0.0050	<0.010	---	---	---
S-15-MW6	09/05/02	15	---	<0.50	<0.00037	<0.0050	<0.0050	<0.0050	<0.010	---	---	---

TABLE 4A
CUMULATIVE SOIL SAMPLE ANALYTICAL RESULTS
Former Exxon Service Station 7-3035
4501 Sonoma Highway
Santa Rosa, California

Sample ID	Sampling Date	Sample Depth (fbgs)	TPHd (mg/kg)	TPHg (mg/kg)	MTBE (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	TOG (mg/kg)	HVOCs (mg/kg)	SVOCs (mg/kg)
S-5-MW7	11/08/02	5	---	<5.00	<0.0008	<0.001	<0.001	<0.001	<0.001	---	---	---
S-10-MW7	11/08/02	10	---	<5.00	<0.0008	<0.001	<0.001	<0.001	<0.001	---	---	---
S-10-MW8	09/06/02	10	---	<0.50	<0.00046	<0.0050	<0.0050	<0.0050	<0.010	---	---	---
S-15-MW8	09/06/02	15	---	<0.50	<0.00030	<0.0050	<0.0050	<0.0050	<0.010	---	---	---
Remediation Wells												
S-10-SW1	08/15/95	10	---	180	---	1.3	3	3.7	18	---	---	---
S-10-SW2	08/15/95	10	---	110	---	1.4	4.4	2.7	15	---	---	---
Dry Well												
S-10.5-HA1	09/11/96	10.5	180	2,500	---	<1.2	28	28	220	---	ND	3.8a, 6.5b
TP-11-W	09/11/96	11	23	9.0	---	0.14	0.36	0.13	0.94	---	---	ND
TP-11-E	09/11/96	11	1.1	3.3	---	0.080	0.12	0.036	0.38	---	---	ND
TP-11-S	09/11/96	11	1.9	21	---	0.27	0.77	0.33	2.0	---	---	ND
TP-11-N	09/11/96	11	3.8	13	---	0.15	0.61	0.25	1.6	---	---	1.8a, 2.1b
TP-14-B	09/11/96	14	260	2,100	---	8.7	100	49	260	---	---	8.5a, 10.0b
Stockpile Samples												
S11-181ABCD	11/18/93	---	---	1.1	---	<0.005	0.0053	<0.005	0.026	---	---	---
S11-182ABCD	11/18/93	---	---	120	---	0.11	0.42	0.72	3.3	---	---	---
S11-183ABCD	11/18/93	---	---	1.9	---	0.0057	0.0098	<0.005	0.026	---	---	---
S11-184ABCD	11/18/93	---	---	<1.0	---	<0.005	<0.005	<0.005	0.034	---	---	---
SP-WO-ABCD	12/28/93	---	280	---	---	---	---	---	---	---	---	0.006e, 0.79f
SP-1-(1-4)	11/23/94	---	---	3	---	<0.005	<0.005	<0.005	0.009	---	---	---
SP-1 (1-4)	08/15/95	---	---	12	---	0.065	0.29	0.14	0.79	---	---	---
SP-1-(1-4)	03/25/96	---	---	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---
SP1(A-D) comp	09/17/96	---	---	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---
SP1(E-H) comp	09/17/96	---	---	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---
SP1-(4,3,2,1)	10/02/96	---	85	350	---	1.2	3.3/3.5c	3.6/2.5c	22/15c	---	---	1.5a, 1.7b
SP-(1-4)	09/06/02	---	<1.0	<0.50	<0.025	<0.0050	<0.0050	<0.0050	<0.0050	---	---	ND
S-SP1-4	11/08/02	---	<9.92	<5.00	---	<0.001	<0.001	<0.001	<0.001	---	---	ND

TABLE 4A
CUMULATIVE SOIL SAMPLE ANALYTICAL RESULTS
Former Exxon Service Station 7-3035
4501 Sonoma Highway
Santa Rosa, California

Sample ID	Sampling Date	Sample Depth (fbgs)	TPHd (mg/kg)	TPHg (mg/kg)	MTBE (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	TOG (mg/kg)	HVOCs (mg/kg)	SVOCs (mg/kg)

Notes:

TPHd	=	Total petroleum hydrocarbons as diesel analyzed using EPA Method 8015 (modified).
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015 (modified).
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 8260B.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021.
Lead	=	Total lead anayzed using EPA Method 6010B.
Cadmium	=	Total lead anayzed using EPA Method 6010B.
Chromium	=	Total lead anayzed using EPA Method 6010B.
Nickel	=	Total lead anayzed using EPA Method 6010B.
Zinc	=	Total lead anayzed using EPA Method 6010B.
TOG	=	Total oil and grease analyzed using EPA Method 5520.
HVOCs	=	Halogenated volatile organic compounds using EPA Method 8010.
SVOCs		Select volatile organic compounds analyzed using EPA Method 8270.
<	=	Less than the stated laboratory reporting limit.
---	=	Not analyzed or sampled.
ND	=	No analytes detected at concentrations at or above laboratory detection limits. See laboratory report.
fbgs	=	Feet below ground surface.
mg/kg	=	Milligrams per kilogram.
a	=	2-methylnaphthalene
b	=	Naphthalene
c	=	Analyzed using EPA Method 8240.
d	=	Soluble threshold leaching concentration.
e	=	Tetrachloroethane.
f	=	Di-n-butylphthalate.

TABLE 4B
ADDITIONAL CUMULATIVE SOIL SAMPLE ANALYTICAL RESULTS
METALS
Former Exxon Service Station 7-3035
4501 Sonoma Highway
Santa Rosa, California

Sample ID	Sampling Date	Depth (fbgs)	Lead (mg/kg)	Antimony (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Mercury (mg/kg)	Nickel (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Selenium (mg/kg)	Molybdenum (mg/kg)	Silver (mg/kg)	Thallium (mg/kg)
Excavations																			
Gasoline USTs																			
S13T1W	11/16/93	13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S13T1E	11/16/93	13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S13T2W	11/16/93	13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S13T2E	11/16/93	13	19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S13T3W	11/16/93	13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S13T3E	11/16/93	13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Used-Oil UST																			
SW0A	12/28/93	12	---	---	---	---	---	<0.050	0.11	---	1.8	---	0.76	---	---	---	---	---	---
SW0B	12/28/93	12	---	---	---	---	---	<0.050	<0.10	---	1.9	---	0.59	---	---	---	---	---	---
Product Lines																			
S4PL1	11/18/93	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S4PL2	11/18/93	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S4PL3	11/18/93	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S4PL4	11/18/93	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S4PL5	11/18/93	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S4PL6	11/18/93	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S4PL7	11/18/93	4	17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dispensers																			
Not sampled for these analytes.																			
Monitoring Wells																			
Not sampled for these analytes.																			
Remediation Wells																			
Not sampled for these analytes.																			
Dry Well																			
S-10.5-HA1	09/11/96	10.5	---	---	---	---	---	<0.50	69	---	110	---	170	---	---	---	---	---	---
Tank Pit																			
Not sampled for these analytes.																			

TABLE 4B
ADDITIONAL CUMULATIVE SOIL SAMPLE ANALYTICAL RESULTS
METALS
Former Exxon Service Station 7-3035
4501 Sonoma Highway
Santa Rosa, California

Sample ID	Sampling Date	Depth (fbgs)	Lead (mg/kg)	Antimony (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Mercury (mg/kg)	Nickel (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Selenium (mg/kg)	Molybdenum (mg/kg)	Silver (mg/kg)	Thallium (mg/kg)
Stockpile Samples																			
S11-181ABCD	11/18/93	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S11-182ABCD	11/18/93	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S11-183ABCD	11/18/93	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S11-184ABCD	11/18/93	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SP-WO-ABCD	12/28/93	---	<1.0	<0.60	<0.005	3.2	<0.070	<0.0050	0.17	<0.002	1.0	0.33	1.1	0.47	0.29	<0.005	<0.20	<0.10	<2.0
SP-1-(1-4)	11/23/94	---	<0.50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SP-1-(1-4)	03/25/96	---	0.18d	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SP1(A-D) comp	09/17/96	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SP1(E-H) comp	09/17/96	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SP1-(4,3,2,1)	10/02/96	---	43/0.71d	13	11	200	0.84	ND	81/0.37d	0.086	120	57	110	22	88	---	---	---	---
SP-(1-4)	09/06/02	---	<10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-SP1-4	11/08/02	---	20.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

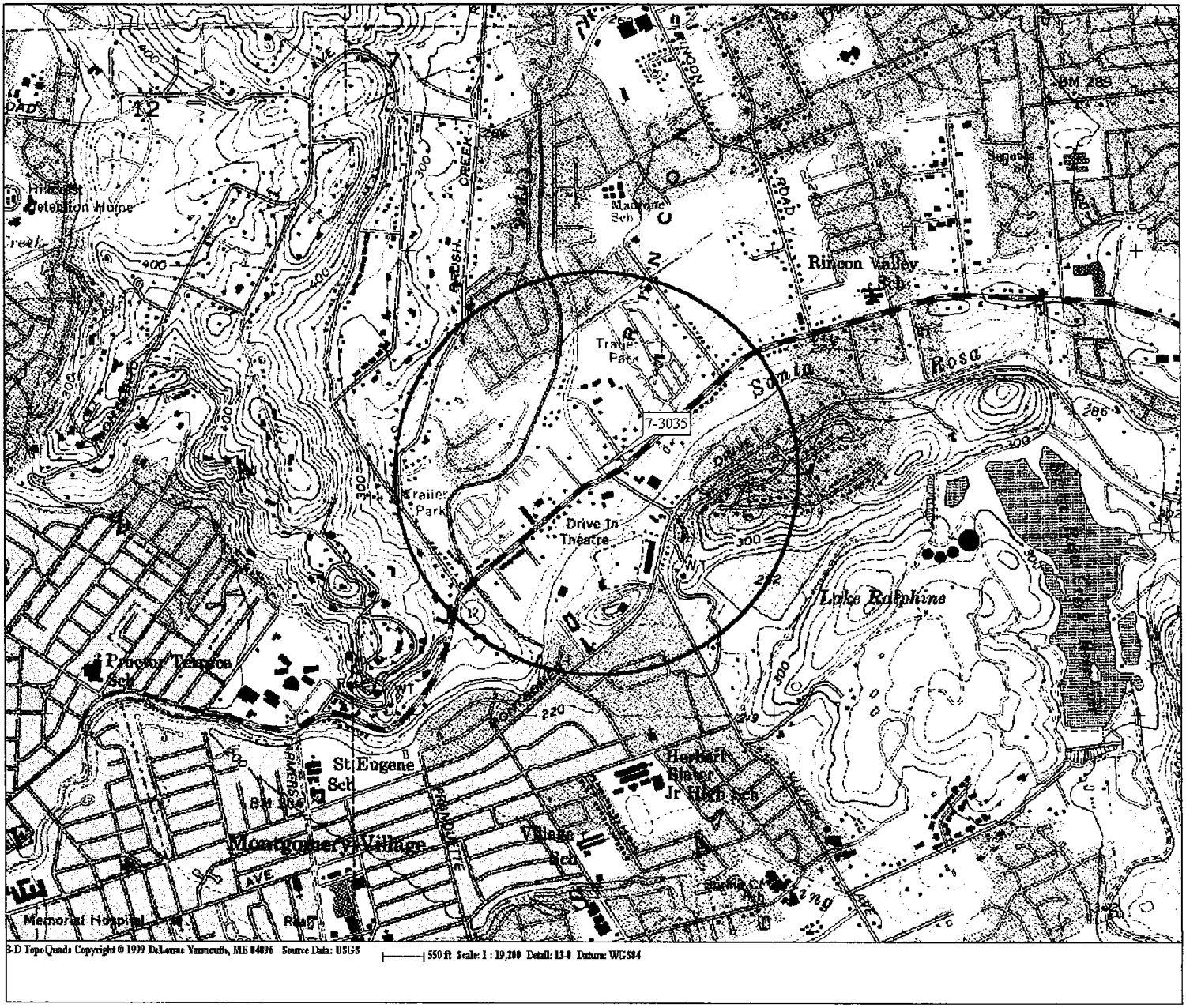
Notes:

TPHd	=	Total petroleum hydrocarbons as diesel analyzed using EPA Method 8015 (modified).
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015 (modified).
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 8260B.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021.
Lead	=	Total lead anayzed using EPA Method 6010B.
Cadmium	=	Total lead anayzed using EPA Method 6010B.
Chromium	=	Total lead anayzed using EPA Method 6010B.
Nickel	=	Total lead anayzed using EPA Method 6010B.
Zinc	=	Total lead anayzed using EPA Method 6010B.
Select VOCs	=	Volatile organic compounds analyzed using EPA Method 8010.
TOG	=	Total oil and grease analyzed using EPA Method 5520.
HVOCs	=	Halogenated volatile organic compounds using EPA Method 8010.
<	=	Less than the stated laboratory reporting limit.
---	=	Not analyzed or sampled.
ND	=	No analytes detected at concentrations at or above laboratory detection limits. See laboratory report.
fbgs	=	Feet below ground surface.
mg/kg	=	Milligrams per kilogram.
a	=	2-methylnaphthalene
b	=	Naphthalene
c	=	Analyzed using EPA Method 8240.
d	=	Soluble threshold leaching concentration.
e	=	Tetrachloroethane.
f	=	Di-n-butylphthalate.

TABLE 5
WELL CONSTRUCTION DETAILS
Former Exxon Service Station 7-3035
4501 Sonoma Highway
Santa Rosa, California

Well ID	Date Well Installed	TOC Elev. (feet)	Borehole Diameter (inches)	Total Depth of Boring (fbgs)	Well Depth (fbgs)	Well Casing Diameter (inches)	Well Casing Material	Screened Interval (fbgs)	Slot Size (inches)	Filter Pack Interval (fbgs)	Filter Pack Material
MW1	11/22/94	236.72	8	31	29	NS	NS	15-29	NS	14-31	NS
MW2	11/22/94	235.77	8	29	28	NS	NS	12-28	NS	11-29	NS
MW3	11/23/94	233.08	8	27	27	NS	NS	12-27	NS	10-27	NS
MW4	11/23/94	235.71	8	30	30	NS	NS	15-30	NS	13-30	NS
MW5	11/08/02	232.31	8	30	30	2	PVC	10-30	0.020	11-30	#3 Sand
MW6	09/05/02	231.91	8	30	30	2	PVC	10-30	0.020	9-30	#3 Sand
MW7	11/08/02	234.71	8	29.7	29.7	2	PVC	9-29.7	0.020	8-29.7	#3 Sand
MW8	09/06/02	236.28	8	29.5	29.5	2	PVC	9-29.5	0.020	8-29.5	#3 Sand
AS/SVE1	08/15/95	NS	11	25	25	1	PVC	21.5-25	NS	21-25	NS
					13	2	PVC	8-13	NS	6-18	NS
AS/SVE2	08/15/95	NS	11	25	25	1	PVC	22.5-25	NS	21-25	NS
					13	2	PVC	8-13	NS	6-18	NS
AS/SVE3	03/26/96	NS	10	25	25	NS	NS	21-25	NS	21-25	NS
					15	NS	NS	6-15	NS	5-18	NS
AS/SVE4	03/26/96	NS	10	25	25	NS	NS	21-25	NS	21-25	NS
					15	NS	NS	6-15	NS	5-18	NS
AS/SVE5	03/26/96	NS	10	25	25	NS	NS	21-25	NS	21-25	NS
					15	NS	NS	6-15	NS	5-18	NS
AS/SVE6	03/26/96	NS	10	25	25	NS	NS	21-25	NS	21-25	NS
					15	NS	NS	6-15	NS	5-18	NS
AS/SVE7	03/26/96	NS	10	25	25	NS	NS	21-25	NS	21-25	NS
					15	NS	NS	6-15	NS	5-18	NS

Notes:
TOC Elev. = Top of well casing elevation; datum is mean sea level.
fbgs = Feet below ground surface.
NS = Not specified.



2003Topo

EXPLANATION

1/2-mile radius circle

APPROXIMATE SCALE

N

0 0.5 1 mile

SOURCE:
Modified from a map
provided by
DeLorme 3-D TopoQuads

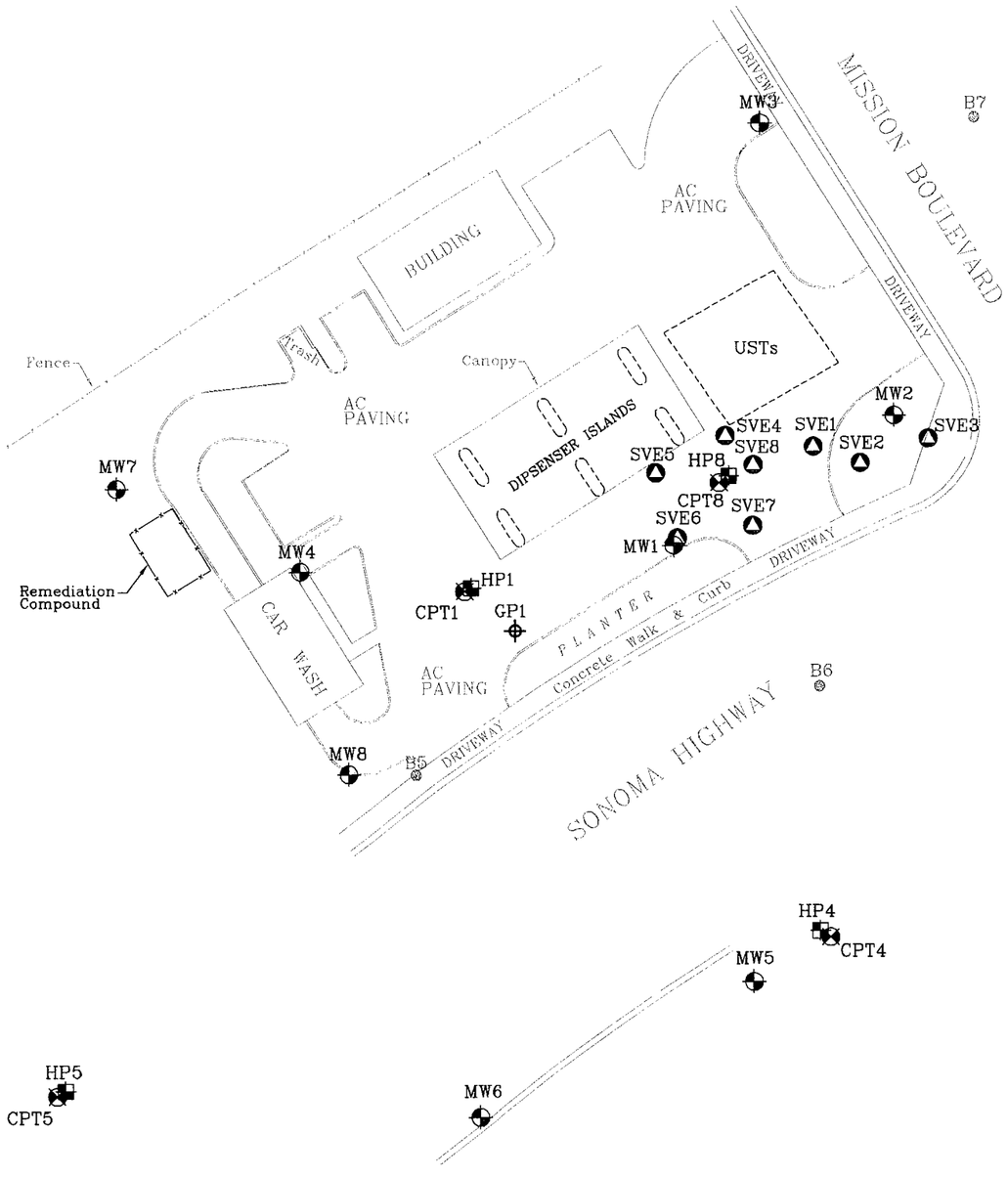
ERI ENVIRONMENTAL RESOLUTIONS, INC.

SITE VICINITY MAP

FORMER EXXON SERVICE STATION 7-3035
4501 Sonoma Highway
Santa Rosa, California

PROJECT NO. 2003

PLATE 1



FN 20030005

ERI ENVIRONMENTAL RESOLUTIONS, INC.

GENERALIZED SITE PLAN

FORMER EXXON SERVICE STATION 7-3035
4501 Sonoma Highway
Santa Rosa, California

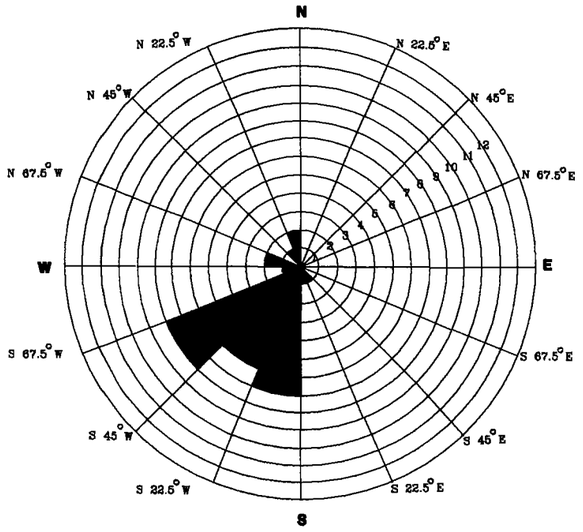
EXPLANATION

- MW8 — Groundwater Monitoring Well
- SVE8 — Air Sparge/Soil Vapor Extraction Well
- B7 — Soil Boring
- CPT8 — Cone Penetration Test Boring
- HP8 — Hydropunch Boring
- GP1 — Direct Push Sample

PROJECT NO. 2003

PLATE 2

Jan. 16, 2003



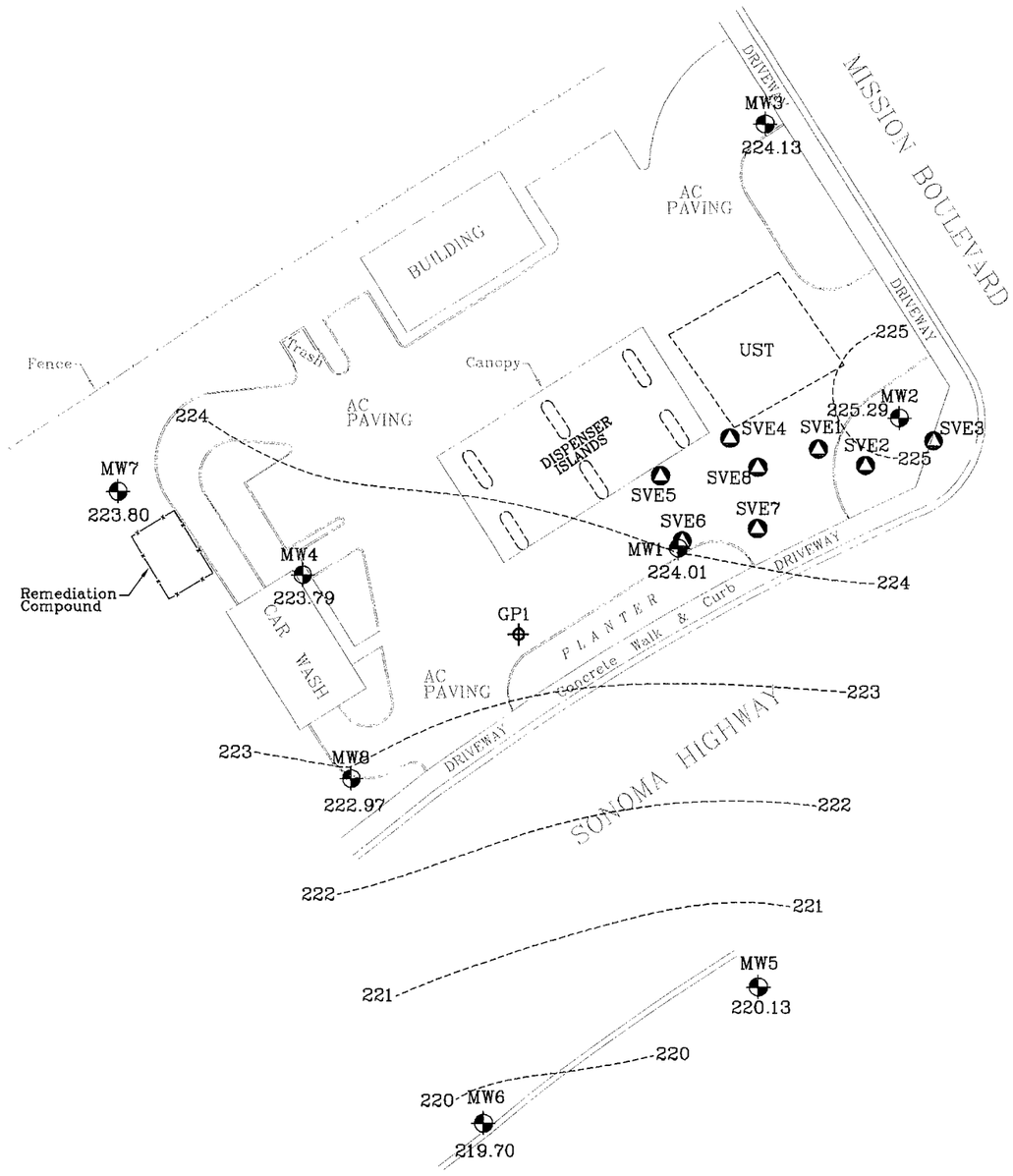
EXPLANATION

N Compass Direction

Rose diagram developed by evaluating the hydraulic gradient from the quarterly monitoring data. Each shaded area on the rose diagram represents the number of monitoring events that the hydraulic gradient plotted in that 22.5 degree sector.

Data used is from second quarter to 1999 to first quarter 2006.

GROUNDWATER FLOW DIRECTION ROSE DIAGRAM



APPROXIMATE SCALE

0 50 100 Feet

225 ---------Line of Equal Groundwater Elevation; datum is mean sea level

FN 20030005_QM

ERI ENVIRONMENTAL RESOLUTIONS, INC.

GROUNDWATER ELEVATION MAP
March 30, 2006
FORMER EXXON SERVICE STATION 7-3035
4501 Sonoma Highway
Santa Rosa, California

EXPLANATION

MW8 Groundwater Monitoring Well

222.97 Groundwater elevation in feet; datum is mean sea level

SVE8 Air Sparge/Soil Vapor Extraction Well

GP1 Direct Push Sample

PROJECT NO. 2003

PLATE 3

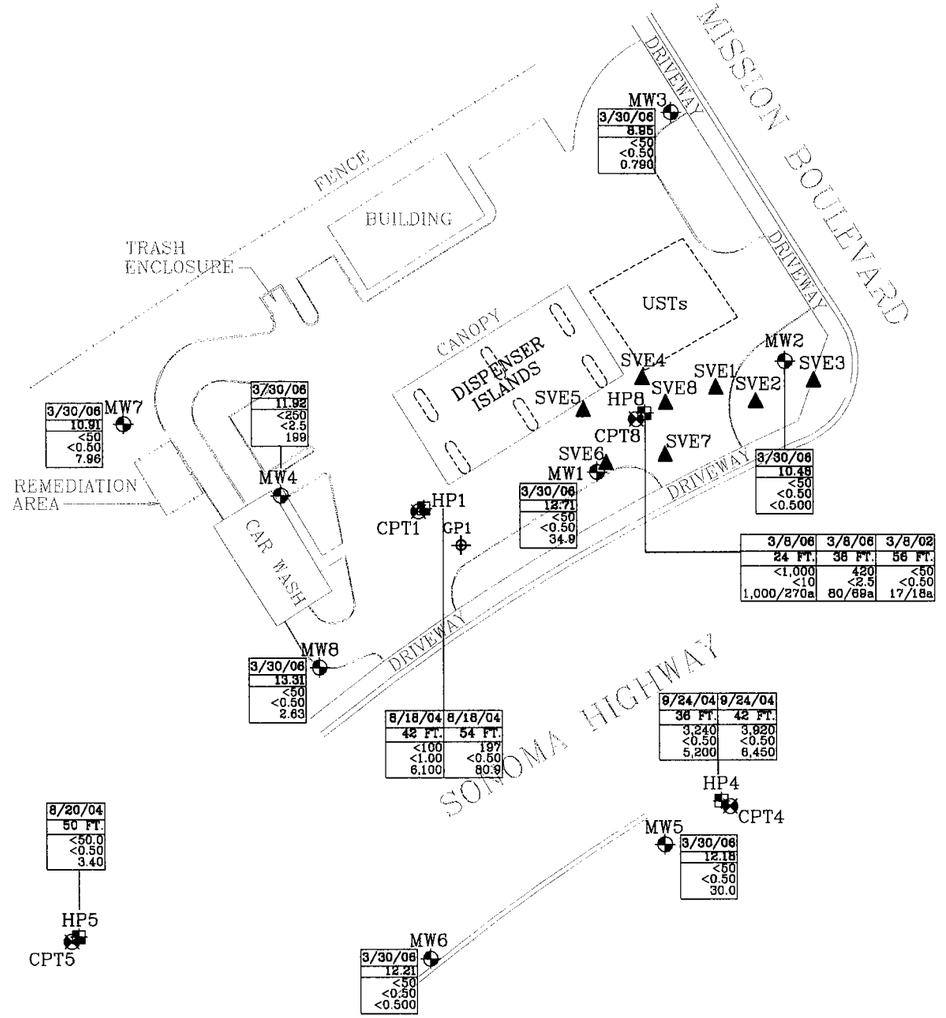
Analyte Concentrations in ug/L

9/24/04	Sample Date
36 FT.	Sample Depth
3,920	Total Petroleum Hydrocarbons as gasoline
<0.50	Benzene
5,200	Methyl Tertiary Butyl Ether

< Less Than the Stated Laboratory Reporting Limit

ug/L Micrograms per Liter

a MTBE results using EPA Method 8021B.



APPROXIMATE SCALE

0 60 120 Feet

FN 20030010_SP

ERI ENVIRONMENTAL RESOLUTIONS, INC.

SELECT GROUNDWATER ANALYTICAL RESULTS

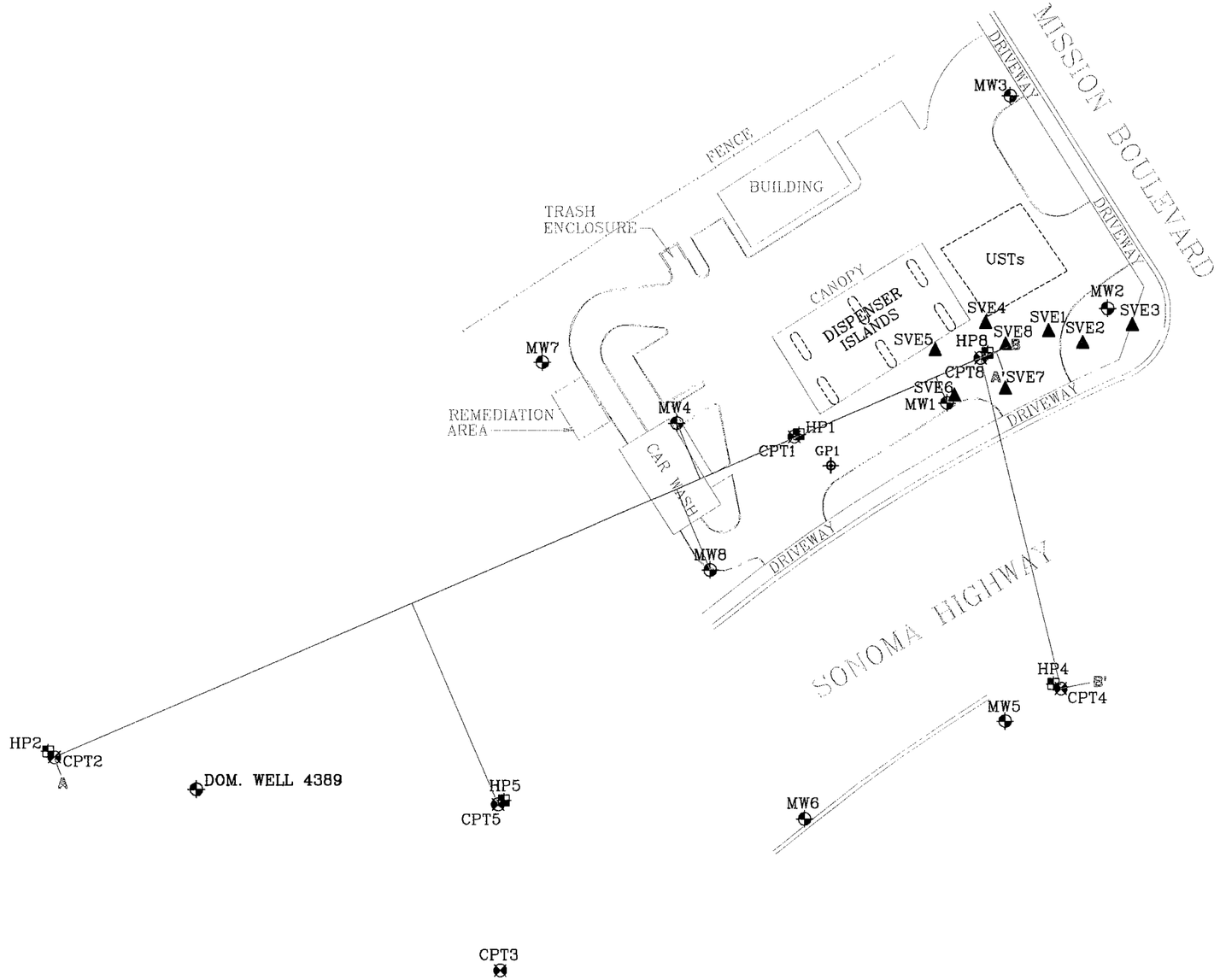
FORMER
EXXON SERVICE STATION 7-3035
4501 Sonoma Highway
Santa Rosa, California

EXPLANATION

- MW8 Groundwater Monitoring Well
- HP8 Hydropunch Boring
- GP1 Direct Push Sample
- CPT8 Cone Penetration Test Boring
- SVE8 Soil Vapor Extraction Well
- DOM. WELL 4389 Domestic Well

PROJECT NO. 2003

PLATE 4



APPROXIMATE SCALE

0 60 120 Feet

FN 20030010_SP

B B' CROSS SECTION LOCATIONS

ERI ENVIRONMENTAL RESOLUTIONS, INC.

CROSS SECTION LOCATIONS

FORMER
EXXON SERVICE STATION 7-3035
4501 Sonoma Highway
Santa Rosa, California

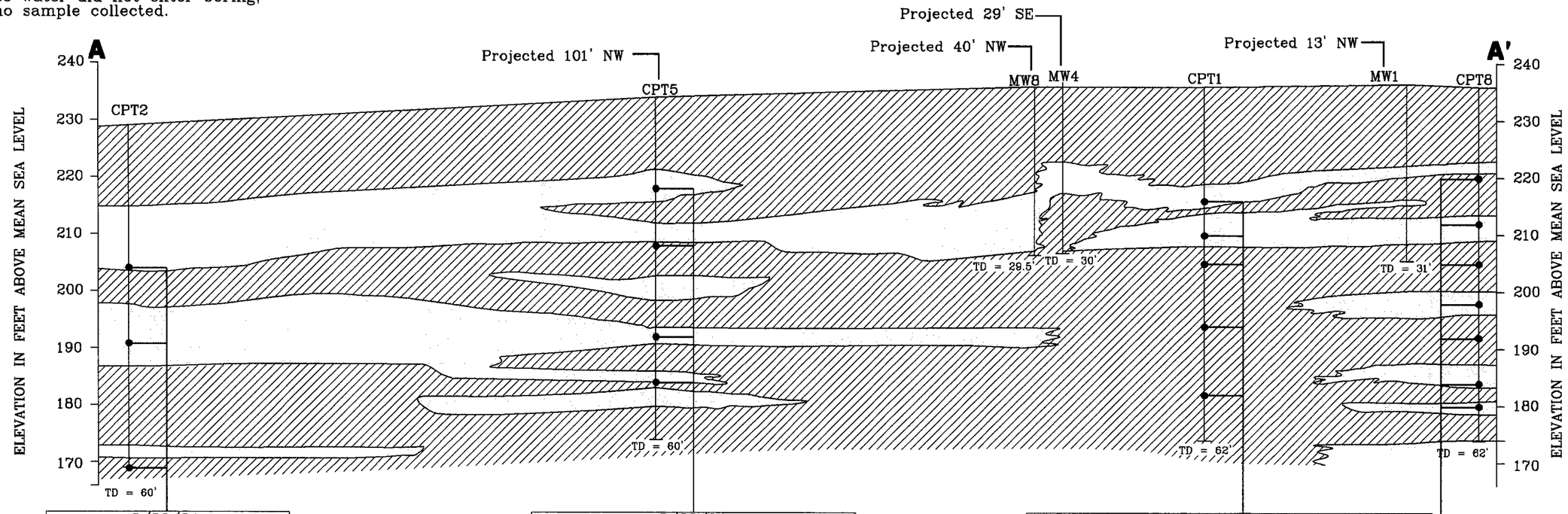
EXPLANATION

- MW8 Groundwater Monitoring Well
- HP8 Hydropunch Boring
- GP1 Direct Push Sample
- CPT8 Cone Penetration Test Boring
- SVE8 Soil Vapor Extraction Well
- DOM. WELL 4389 Domestic Well

PROJECT NO. 2003

PLATE 5

3/8/06	Sample Date
24 FT.	Sample Depth
<1,000	Total Petroleum Hydrocarbons as gasoline
<10	Benzene
1,000/270a	Methyl Tertiary Butyl Ether
<	Less Than the Stated Laboratory Reporting Limit
ug/L	Micrograms per Liter
a	Analyzed using EPA Method 8021B
Dry	Free water did not enter boring; no sample collected.



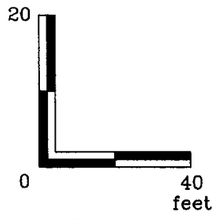
8/20/04		
25 FT.	38 FT.	60 FT.
<50	<50	<50
<0.50	<0.50	<0.50
<0.50	<0.50	<0.50

8/20/04			
16 FT.	26 FT.	42 FT.	50 FT.
DRY	DRY	DRY	<50.0
			<0.50
			3.40

	8/20/04			
20 FT.	26 FT.	31 FT.	42 FT.	50 FT.
DRY	DRY	DRY	<100	197
			<1.00	<0.50
			6,100	80.9

3/8/06						
16 FT.	24 FT.	31 FT.	44 FT.	38 FT.	52 FT.	56 FT.
DRY	<1,000	DRY	DRY	420	DRY	<50
	<10			<2.5		<0.50
	1,000/270a			80/69a		17/18a

APPROXIMATE SCALE



Vertical Exaggeration x2

FN 2003xsA-A'_2

ERI ENVIRONMENTAL RESOLUTIONS, INC.

CROSS SECTION A-A'

FORMER
EXXON SERVICE STATION 7-3035
4501 Sonoma Highway
Santa Rosa, California

EXPLANATION

Coarse-grained sediments (Including SP, SW, SM, SC, and GC. Also includes select layers, designated silt on the CPT logs, interpreted to be coarser water-bearing sediments based on the presence of groundwater and stratigrafic correlation with sand layers in the DP Borings.)

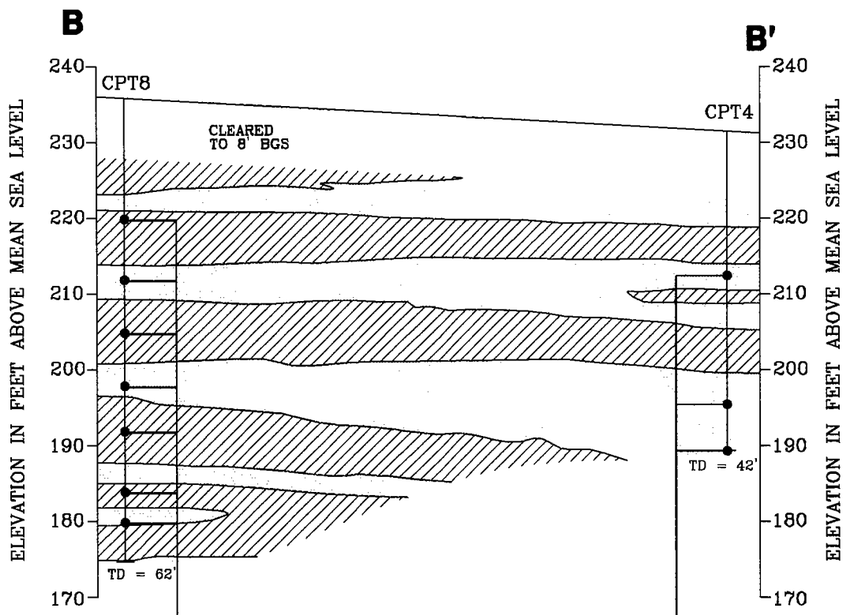
Fine-grained sediments (Including, CL, CH, and ML)

TD = Total Depth

PROJECT NO. 2003

PLATE 6

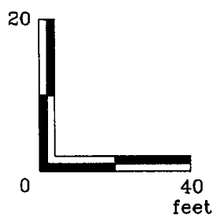
9/24/04	Sample Date
42 FT.	Sample Depth
3,920	Total Petroleum Hydrocarbons as gasoline
<0.50	Benzene
6,450	Methyl Tertiary Butyl Ether
<	Less Than the Stated Laboratory Reporting Limit
ug/L	Micrograms per Liter
a	Analyzed using EPA Method 8021B
Dry	Free water did not enter boring; no sample collected.



3/8/06						
16 FT.	24 FT.	31 FT.	38 FT.	44 FT.	52 FT.	56 FT.
DRY	<1,000	DRY	420	DRY	DRY	<50
	<10		<2.5			<0.50
	1,000/270a		80/69a			17/18a

9/24/04		
19 FT.	36 FT.	42 FT.
DRY	3,240	3,920
	<0.50	<0.50
	5,200	6,450

APPROXIMATE SCALE



Vertical Exaggeration x2

FN 2003xsB-B'

ENVIRONMENTAL RESOLUTIONS, INC.

CROSS SECTION B-B'

FORMER
EXXON SERVICE STATION 7-3035
4501 Sonoma Highway
Santa Rosa, California

EXPLANATION

- Coarse-grained sediments (Including SP, SW, SM, SC, and GC. Also includes select layers, designated silt on the CPT logs, interpreted to be coarser water-bearing sediments based on the presence of groundwater and stratigrafic correlation with sand layers in the DP Borings.)
- Fine-grained sediments (Including, CL, CH, and ML)

TD = Total Depth

PROJECT NO. 2003

PLATE 7

ATTACHMENT A

REGULATORY CORRESPONDENCE

California Regional Water Quality Control Board
North Coast Region
John Corbett, Chair

www.waterboards.ca.gov/northcoast
5550 Skylane Boulevard, Suite A, Santa Rosa, California 95403
Phone: (877) 721-9203 (toll free) • Office: (707) 576-2220 • FAX: (707) 523-0135

Alan C. Lloyd, Ph.D.
Agency Secretary

Arnold Schwarzenegger
Governor

February 16, 2006

Ms. Jennifer Sedlachek
ExxonMobil Refining and Supply-Global Remediation
4096 Piedmont Avenue #194
Oakland, CA 94611

Subject: Addendum to Work Plan for Additional Site Assessment
Request for Interim Remedial Action

File: Exxon #7-3035, 4501 Sonoma Highway, Santa Rosa, CA
CA Case No. 1TSR295

Dear Ms. Sedlachek:

North Coast Regional Water Quality Control Board (Regional Water Board) staff has reviewed the *Addendum to Work Plan for Additional Site Assessment* dated October 28, 2005 and prepared by Environmental Resolutions, Inc. (ERI) on behalf of ExxonMobil for the subject site. Regional Water Board staff concurs with the scope of work proposed in the Addendum. Verbal concurrence with the Addendum was given to Ms. Paula Sime of ERI on January 19, 2006.

During a phone conversation with Ms. Sime on January 19, 2006, staff learned that access to private property has not been granted for the approved workplan, resulting in a delay of implementation of the approved work. At this time, please expedite implementation of the approved workplan and Addendum by re-contacting property owners regarding access and implementing portions of the workplan onsite and at locations where access is granted.

Regional Water Board staff has reviewed the 4th Quarter January 10, 2006 Remediation Status Report for this site. The Status Report indicates that the remediation system was shut down for repair during fourth quarter 2005.

There are numerous domestic wells used for drinking water near this site. A CPT investigation completed in 2004 documents the presence of MTBE, TAME and TBA in on-site groundwater at depths from 42 to 54 feet.

Regional Water Board staff requests submittal of a proposal and workplan for interim remedial action. A proposal for interim remedial action should evaluate the effectiveness of the current on-site remediation system and recommend improvements or changes, as necessary. Staff is aware that additional on-site CPT work proposed in the Addendum will support development of an effective interim remedial action. Therefore, please submit a proposal for interim remediation 45 days following the completion of the on-site CPT work.

A proposal and workplan for interim remedial action is due 45 days following completion of on-site CPT work. If you have any questions, please contact me at (707) 576-2838.

Sincerely,

Jo Bentz
Engineering Geologist

020306_JLB_4501 Sonoma Hwy Addendum Concur. doc

cc: Ms. Paula Sime and Mr. James Chappell, Environmental Resolutions, Inc., 601 North McDowell Blvd., Petaluma, CA 94954
Mr. Joseph A Aldridge, Valero Energy Corporation, 685 West Third Street, Hanford, CA 93230
Santa Rosa Fire Department
Mr. John Anderson, SCEHD
Ms. Lisa Esposito, Massingham and Associate Management, Inc., 2890 North Main Street, Suite 304, Walnut Creek, CA 94597

ATTACHMENT B

FIELD PROTOCOLS

FIELD PROTOCOL

Site Safety Plan

Field work will be performed by ERI personnel in accordance with a Site Safety Plan developed for the site. This plan describes the basic safety requirements for the subsurface investigation and the drilling of soil borings at the work site. The Site Safety Plan is applicable to personnel and subcontractors of ERI. Personnel at the site are informed of the contents of the Site Safety Plan before work begins. A copy of the Site Safety Plan is kept at the work site and is available for reference by appropriate parties during the work. The ERI geologist will act as the Site Safety Officer.

Soil Boring Procedures

Prior to drilling, ERI will acquire necessary permits from the appropriate agency (ies). ERI will also contact Underground Service Alert (USA) and a private underground utility locator before drilling to help locate public utility lines at the site. ERI will clear the boring locations to a depth of approximately 4 to 8 feet before drilling to reduce the risk of damaging underground structures.

GeoProbe drilling will be performed under the observation of a field geologist using a direct push, continuous core (dual-tube Geoprobe, or similar) drilling rig. The earth materials in the borings will be identified using visual and manual methods, and classified as drilling progresses using the Unified Soil Classification System. Soil samples will be collected by driving the sampler into the soil utilizing direct-push technology.

Soil samples will be monitored with a photo-ionization detector (PID), which measures hydrocarbon concentrations in the ambient air or headspace above the soil sample. Field instruments such as the PID are useful for indicating relative levels of hydrocarbon vapors, but do not detect concentrations of hydrocarbons with the same precision as laboratory analyses. Groundwater samples will be collected from each of the off-site borings.

Select soil samples will be sealed promptly with Teflon® tape and plastic caps. The samples will be labeled and placed in iced storage for transport to the laboratory. Chain-of-Custody records will be initiated by the geologist in the field, updated throughout handling all soil and groundwater samples, and sent with the samples to the laboratory. Copies of these records will be in the final report.

Cuttings generated during drilling will be placed on plastic sheeting and covered and left at the site. ERI will coordinate with ExxonMobil for the soil to be removed to an appropriate disposal facility.

Cone Penetration Test (CPT) borings will be advanced using direct push technology under the observation of a field geologist.

Hydropunch Sampling

The Hydropunch® sampler (or similar) provides a method for collecting groundwater samples at multiple depths in the same borehole. To sample groundwater, the sample tool is pushed to the selected depth beneath the water table, then withdrawn to expose an inlet screen. Alternatively, a temporary casing is placed within the casing. A water sample is then collected and promptly transported in iced storage in a thermally-insulated ice chest, accompanied by a Chain of Custody Record, to a California-certified laboratory

Cone Penetration Testing Procedure (CPT)

Gregg Drilling & Testing, Inc. carries out all Cone Penetration Tests (CPT) using an integrated electronic cone system, *Figure CPT*. The soundings were conducted using a 20 ton capacity cone with a tip area of 15 cm^2 and a friction sleeve area of 225 cm^2. The cone is designed with an equal end area friction sleeve and a tip end area ratio of 0.85.

The cone takes measurements of cone bearing (q_c), sleeve friction (f_s) and penetration pore water pressure (u_2) at 5-cm intervals during penetration to provide a nearly continuous hydrogeologic log. CPT data reduction and interpretation is performed in real time facilitating on-site decision making. The above mentioned parameters are stored on disk for further analysis and reference. All CPT soundings are performed in accordance with revised (2002) ASTM standards (D 5778-95).

The cone also contains a porous filter element located directly behind the cone tip (u_2), *Figure CPT*. It consists of porous plastic and is 5.0mm thick. The filter element is used to obtain penetration pore pressure as the cone is advanced as well as Pore Pressure Dissipation Tests (PPDT's) during appropriate pauses in penetration. It should be noted that prior to penetration, the element is fully saturated with silicon oil under vacuum pressure to ensure accurate and fast dissipation.

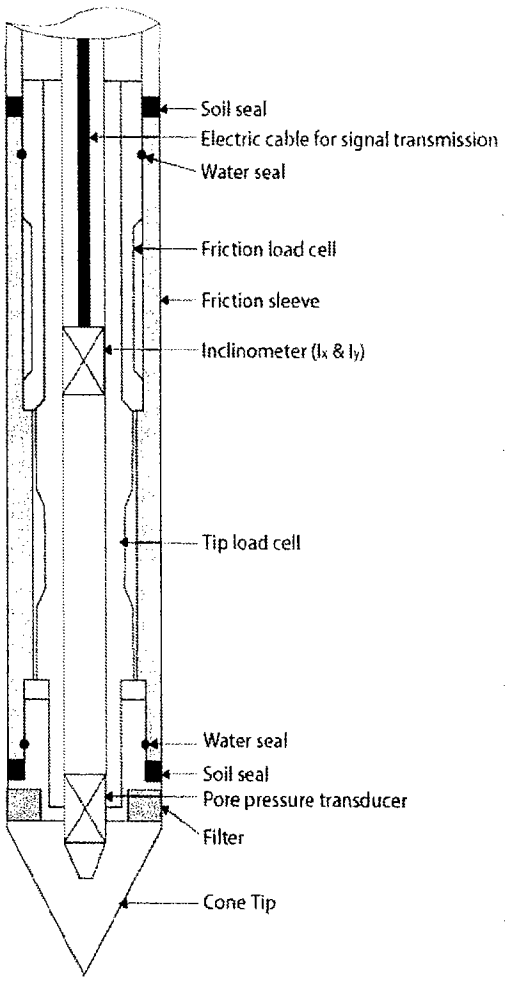


Figure CPT

When the soundings are complete, the test holes are grouted using a Gregg In Situ support rig. The grouting procedures generally consist of pushing a hollow CPT rod with a "knock out" plug to the termination depth of the test hole. Grout is then pumped under pressure as the tremie pipe is pulled from the hole. Disruption or further contamination to the site is therefore minimized.

Groundwater Sampling (GWS)

Gregg Drilling & Testing, Inc. conducts groundwater sampling using a Hydropunch® type groundwater sampler, *Figure GWS*. The groundwater sampler has a retrievable stainless steel or disposable PVC screen with steel drop off tip. This allows for samples to be taken at multiple depth intervals within the same sounding location. In areas of slower water recharge, provisions may be made to set temporary PVC well screens during sampling to allow the drill rig to advance to the next sample location while the groundwater is allowed to infiltrate.

The groundwater sampler operates by advancing 1 ¾ inch hollow push rods with the filter tip in a closed configuration to the base of the desired sampling interval. Once at the desired sample depth, the push rods are retracted; exposing the encased filter screen and allowing groundwater to infiltrate hydrostatically from the formation into the inlet screen. A small diameter bailer (approximately ½ or ¾ inch) is lowered through the push rods into the screen section for sample collection. The number of downhole trips with the bailer and time necessary to complete the sample collection at each depth interval is a function of sampling protocols, volume requirements, and the yield characteristics and storage capacity of the formation. Upon completion of sample collection, the push rods and sampler, with the exception of the PVC screen and steel drop off tip are retrieved to the ground surface, decontaminated and prepared for the next sampling event.

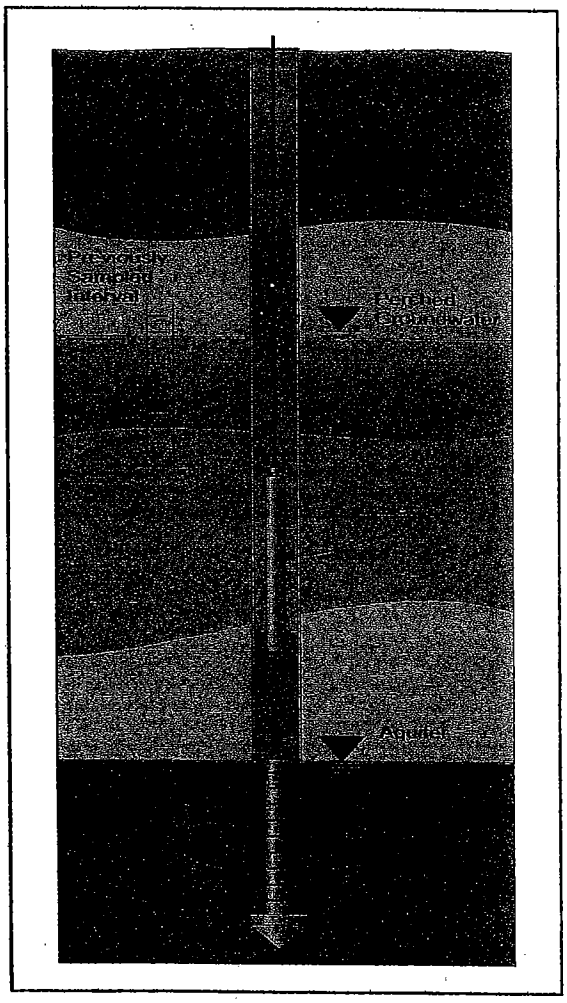


Figure GWS

A summary of the groundwater samples collected, including the sampling date, depth and location identification, is presented in Table 1 and the corresponding CPT plot.

For a detailed reference on direct push groundwater sampling, refer to Zemo et. al., 1992.

ATTACHMENT C

PERMIT

RECEIVED
MAR 07 2006
BY:

ENVIRONMENTAL HEALTH DIVISION
475 Aviation Blvd., Suite 220, Santa Rosa, CA 95403
Phone (707) 565-6565 Fax (707) 565-6525 www.sonoma-county.org

Amount paid [illegible]
Receipt number 2604
Payment date 2/21/06 Rev. code [illegible]
Site ID# [illegible]
Permit # [illegible]

APPLICATION FOR DRILLING PERMIT
for Regional Board Lead/Environmental Assessment / LOP Lead

Well type: [ ] Monitoring well [ ] Recovery extraction well [X] Boring [ ] Injection well [ ] Destruct [ ] Environmental assessment
[ ] Soil gas survey [ ] Direct push [ ] Air sparging/venting [ ] Remediation well [ ] Other ______

Well depth [illegible] Boring depth 80

On-site well/boring 2 ID # [illegible] CPT8 # Off-site well/boring ______ ID # ______

Submit legal right-of-entry/off-site well address/encroachment permit

On-site Address 4501 Sonoma Highway, Santa Rosa, CA AP# 182-490-016-000

Facility Name Valero Service Station

On-site Owner Valero Phone 707-539-4190
Street 685 3rd Street City Hanford State CA Zip 93230

Responsible Party ExxonMobil Refining and Supply Phone 510-547-8196
Street 25A Crescent Drive #407 City Pleasant Hill State CA Zip 94523

Consultant Environmental Resolutions Inc Phone 707-766-2000
Street 601 N. McDowell Blvd City Petaluma State CA Zip 94954
License #/Type ______

Drilling Contractor Gregg Drilling & Testing Inc Phone 925-313-5800
Street 950 Howe Road City Martinez State CA Zip 94553
C-57 License # 485165

Type of work: [ ] Initial investigation ______ # Wells [x] Subsequent investigation ______ # Wells [ ] Destruct ______ # Wells

Groundwater investigation due to: [X] Underground tank [ ] Surface impoundment [ ] Environmental assessment
[ ] Surface disposal practice—specify involved industry ______
[ ] Other ______

Perforated intervals NA Chemical constituents TPHg, BTEX, 7 Oxys

Disposal method for soil cuttings Approved Landfill Disposal method for development water Approved Facility

Drilling method CPT Method of drill equip. rinsate containment 55-gal Metal Drum

If destroying a well, abandonment method ______

Submit plot plan of wells in relation to all sewer or septic lines.

Is well to be constructed within: 100 feet of a septic tank or leachfield? [ ] Yes [ ] No
50 feet of any sanitary sewer line? [ ] Yes [ ] No
25 feet of any private sanitary sewer line? [ ] Yes [ ] No

0013430
WELL PER 101.50
TTLAMT 101.50
CHECKS 101.50
CHANGE 0.00
02/21/06
2608 #2 10:34

In addition, all monitoring wells must include ***identification system*** affixed to interior surface:
1) Well identification 2) Well type 3) Well depth 4) Well casing diameter 5) Perforated intervals

Well identification number and well type shall be ***affixed*** to the ***exterior surface*** security structure.

Address [illegible]

Site ID# [illegible]

Permit # [illegible]

I hereby agree to comply with all laws and regulations of the County of Sonoma and State of California pertaining to water well construction. I will telephone (707) 565-6565, 48 hours in advance, to notify the Environmental Health Specialist when completing or destroying a well. I will furnish the Director of Health Services and the owner a legible copy of the State Water Well Driller's Report within 15 days; and a copy of the Summary Report, including sample results, should be received by this Department within 90 days in order to obtain final approval on this well permit. I acknowledge that the application will become a permit ***only*** after site approval and payment of fee. I understand that this permit is not transferable and expires one year from date of issuance.

[signature] Date 2-7-06

Signature of Well Driller—***no proxies***

Insurance Carrier Seabright BC1050206 Expiration Date 8-1-06

Once all wells/borings are installed, submit a Well Driller's Log and/or Summary Report to complete permit process.

Indicate on attached plot plan the exact location of well(s) with respect to the following items: property lines, water bodies or water courses drainage pattern, roads, existing wells, sewer main and laterals and private sewage disposal systems or other sources of contamination or pollution. INCLUDE DIMENSIONS. The validity of this permit depends upon the accuracy of the information provided by the applicant.

Conditions of permit:

FOR OFFICE USE ONLY – ENVIRONMENTAL HEALTH DIVISION

Permit approved by [signature] Date 3/2/06

Constr. approved by _____ Observed? [ ] Yes [ ] No Well # _____ Date ___/___/___

RWQCB / LOP approval Jo Bentz letter 7/19/05 Date ___/___/___

ATTACHMENT D

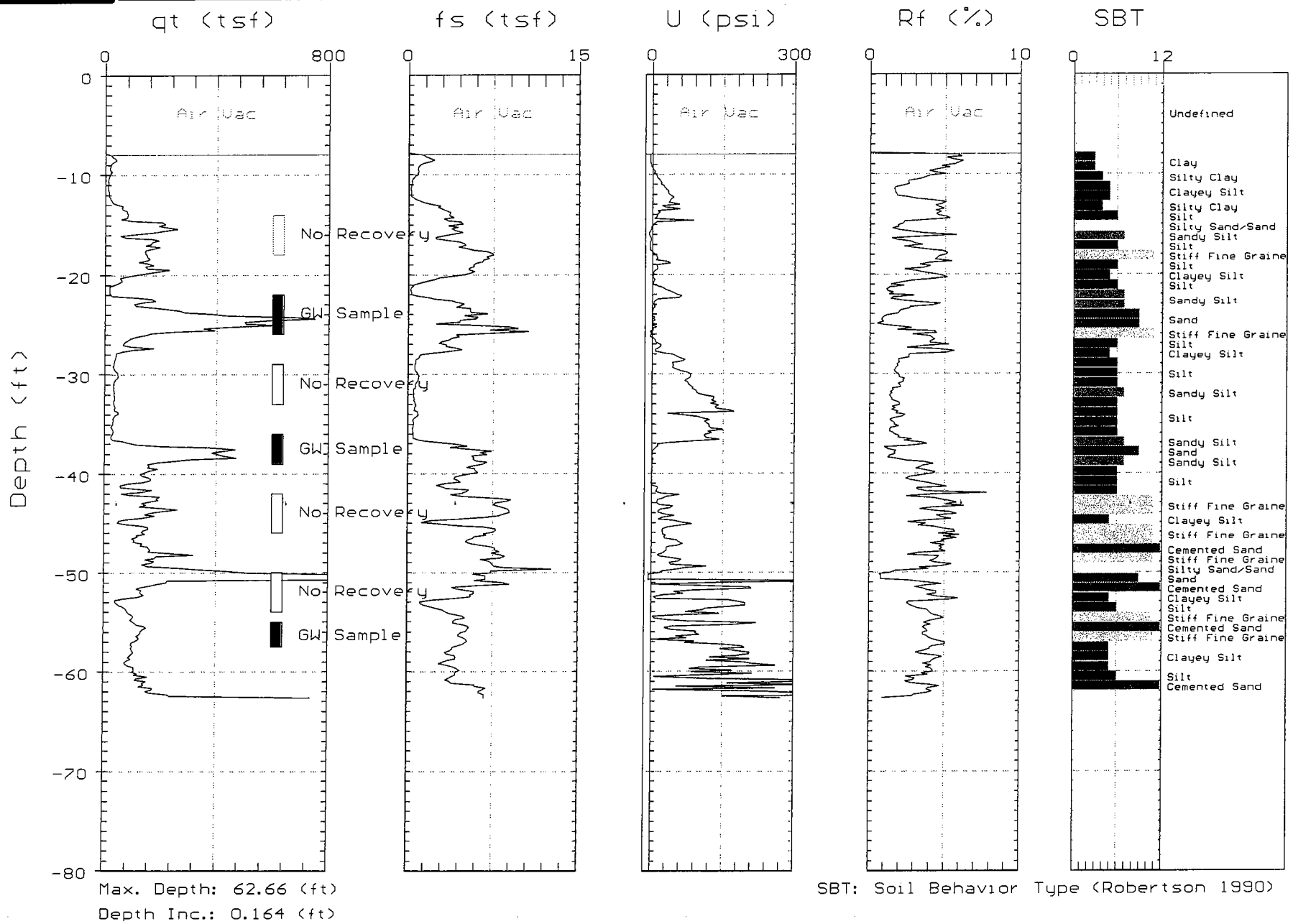
CPT LOGS

GREGG

ERI

Site: FRMR. EXXON 7-3035
Location: CPT-8

Engineer: P.SIME
Date: 03:08:06 09:27



Max. Depth: 62.66 (ft)
Depth Inc.: 0.164 (ft)

SBT: Soil Behavior Type (Robertson 1990)

Cone Penetration Test Data & Interpretation

Soil behavior type and stratigraphic interpretation is based on relationships between cone bearing (q_c), sleeve friction (f_s), and pore water pressure (u_2). The friction ratio (R_f) is a calculated parameter defined by $100f_s/q_c$ and is used to infer soil behavior type. Generally:

Cohesive soils (clays)

- High friction ratio (R_f) due to small cone bearing (q_c)
- Generate large excess pore water pressures (u_2)

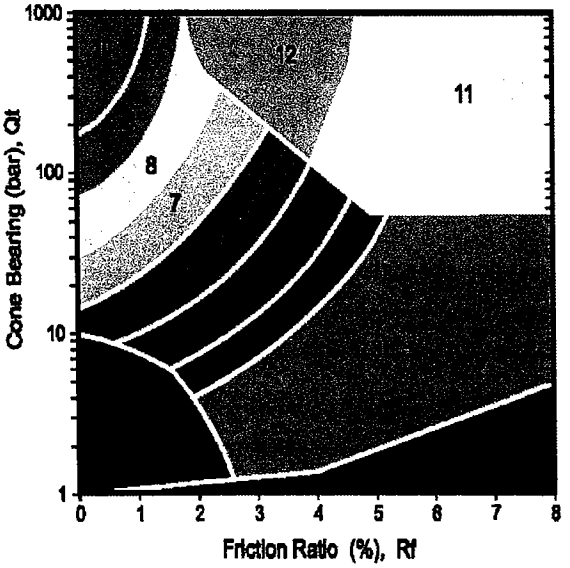
Cohesionless soils (sands)

- Low friction ratio (R_f) due to large cone bearing (q_c)
- Generate very little excess pore water pressures (u_2)

A complete set of baseline readings are taken prior to and at the completion of each sounding to determine temperature shifts and any zero load offsets. Corrections for temperature shifts and zero load offsets can be extremely important, especially when the recorded loads are relatively small. In sandy soils, however, these corrections are generally negligible.

The cone penetration test data collected from your site is presented in graphical form in Appendix CPT. The data includes CPT logs of measured soil parameters, computer calculations of interpreted soil behavior types (SBT), and additional geotechnical parameters. A summary of locations and depths is available in Table 1. Note that all penetration depths referenced in the data are with respect to the existing ground surface.

Soil interpretation for this project was conducted using recent correlations developed by Robertson, 1990, *Figure SBT*. Note that it is not always possible to clearly identify a soil type based solely on q_c, f_s, and u_2. In these situations, experience, judgment, and an assessment of the pore pressure dissipation data should be used to infer the soil behavior type.



ZONE	Qt/N	SBT
1	2	Sensitive, fine grained
2	1	Organic materials
3	1	Clay
4	1.5	Silty clay to clay
5	2	Clayey silt to silty clay
6	2.5	Sandy silt to clayey silt
7	3	Silty sand to sandy silt
8	4	Sand to silty sand
9	5	Sand
10	6	Gravely sand to sand
11	1	Very stiff fine grained*
12	2	Sand to clayey sand*

*over consolidated or cemented

Figure SBT

ATTACHMENT E

RESULTS OF PORE-PRESSURE DISSIPATION TESTS

Pore Pressure Dissipation Tests (PPDT)

Pore Pressure Dissipation Tests (PPDT's) conducted at various intervals measured hydrostatic water pressures and determined the approximate depth of the ground water table. A PPDT is conducted when the cone is halted at specific intervals determined by the field representative. The variation of the penetration pore pressure (u) with time is measured behind the tip of the cone and recorded by a computer system.
Pore pressure dissipation data can be interpreted to provide estimates of:

- Equilibrium piezometric pressure
- Phreatic Surface
- In situ horizontal coefficient of consolidation (c_h)
- In situ horizontal coefficient of permeability (k_h)

In order to correctly interpret the equilibrium piezometric pressure and/or the phreatic surface, the pore pressure must be monitored until such time as there is no variation in pore pressure with time, *Figure PPDT*. This time is commonly referred to as t_{100}, the point at which 100% of the excess pore pressure has dissipated.

A complete reference on pore pressure dissipation tests is presented by Robertson et al. 1992.

A summary of the pore pressure dissipation tests is summarized in Table 1. Pore pressure dissipation data is presented in graphical form in Appendix PPDT.

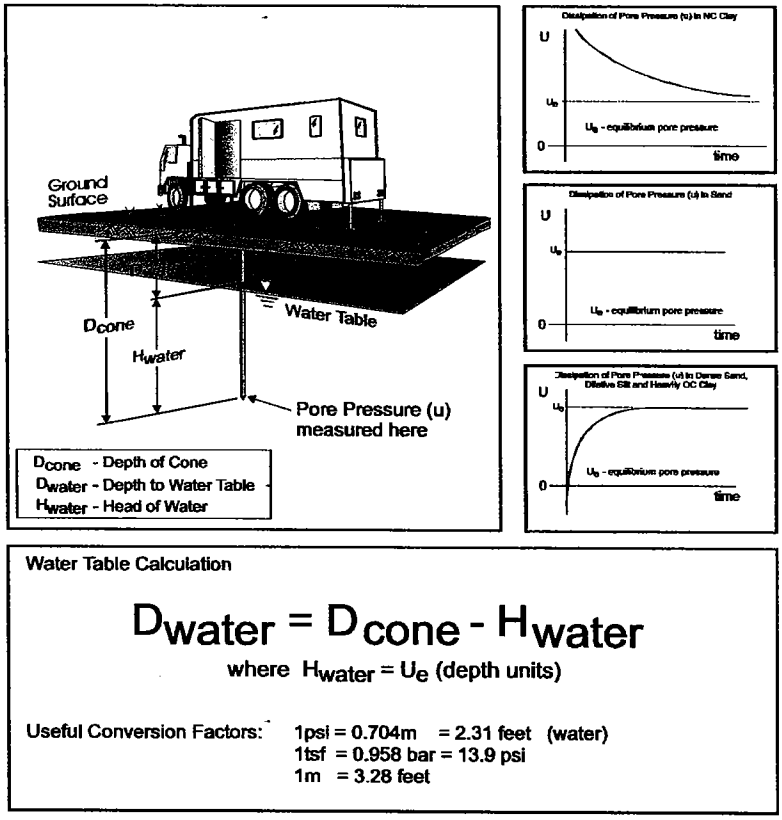
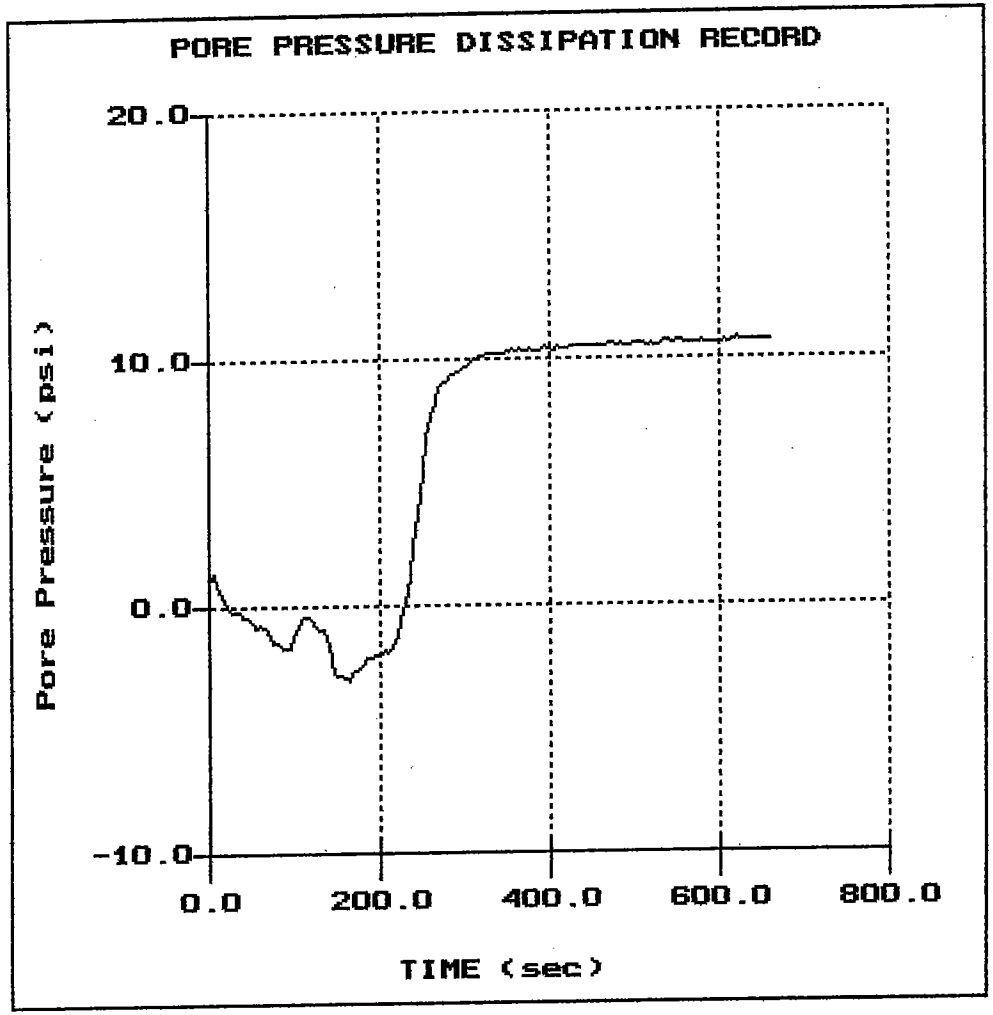


Figure PPDT

ERI

Site:FRMR. EXXON 7-3035
Location:CPT-8

Oversite:P.SIME
Date:03:08:06 09:27



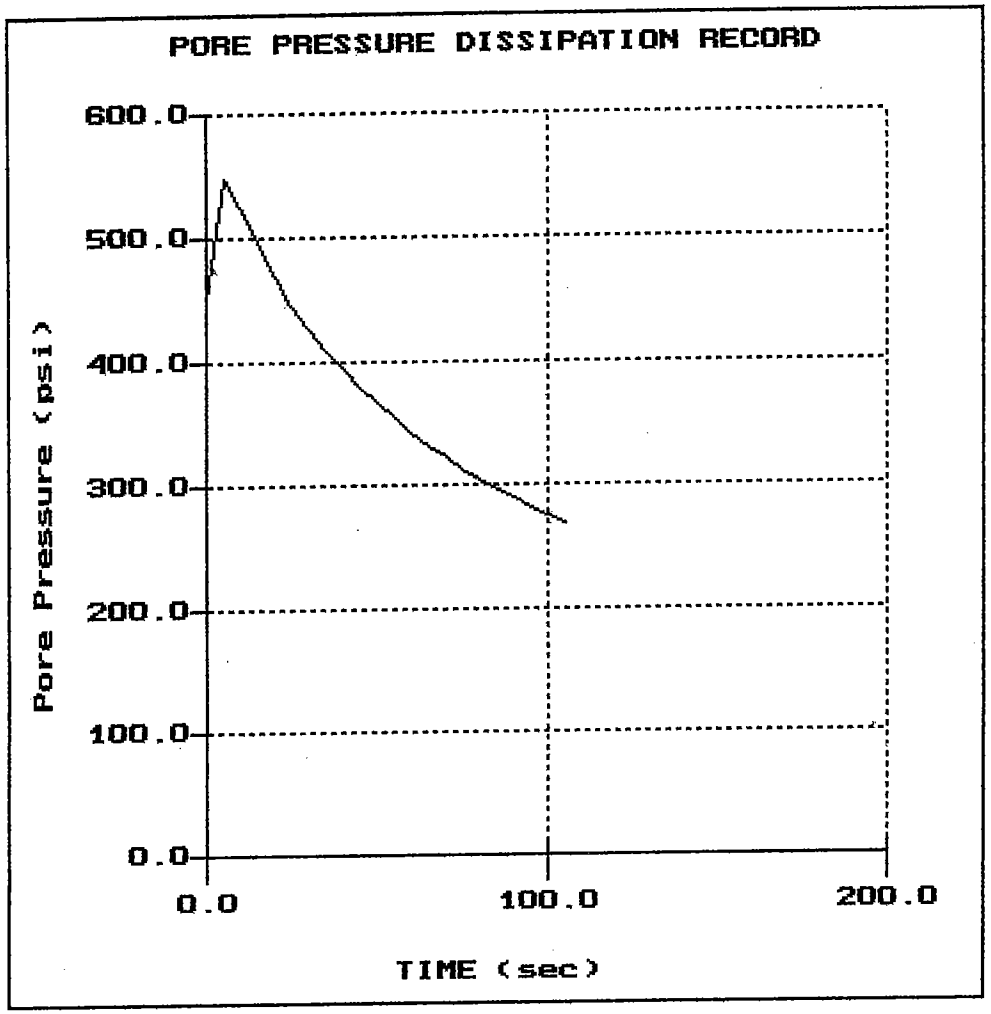
File: 086C08.PPC
Depth (m): 11.70
(ft): 38.39
Duration : 660.0s
U-min: -2.97 165.0s
U-max: 10.82 620.0s

ERI

Site:FRMR. EXXON 7-3035
Location:CPT-8a

Oversite:P.SIME
Date:03:08:06 10:33

File: 086C08A.PPC
Depth (m): 19.10
(ft): 62.66
Duration : 105.0s
U-min: 268.21 105.0s
U-max: 547.50 5.0s



ATTACHMENT F

LABORATORY ANALYICAL REPORTS AND CHAIN-OF-CUSTODY RECORDS

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
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FAX (408) 782-6308
www.sequoialabs.com

27 April, 2006

Paula Sime
Environmental Resolutions (Exxon)
601 North McDowell Blvd.
Petaluma, CA 94954

RE: Exxon 7-3035
Work Order: MPC0328

Enclosed are the results of analyses for samples received by the laboratory on 03/09/06 19:25. The samples arrived at a temperature of 3° C. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Christina Dell For Leticia Reyes
Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

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Environmental Resolutions (Exxon)	Project: Exxon 7-3035	MPC0328
601 North McDowell Blvd.	Project Number: 7-3035	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	03/31/06 17:15

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
W-24-HP8	MPC0328-01	Water	03/08/06 12:34	03/09/06 19:25
W-38-HP8	MPC0328-02	Water	03/08/06 13:25	03/09/06 19:25
W-56-HP8	MPC0328-03	Water	03/08/06 15:40	03/09/06 19:25

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601 North McDowell Blvd.	Project Number: 7-3035	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	03/31/06 17:15

W-24-HP8 (MPC0328-01) Water Sampled: 03/08/06 12:34 Received: 03/09/06 19:25

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	ND	1000	ug/l	20	6C16027	03/16/06	03/16/06	EPA 8015B/8021B	
Benzene	ND	10	"	"	"	"	"	"	
Toluene	ND	10	"	"	"	"	"	"	
Ethylbenzene	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	**270**	50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*110 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		"	"	"	"	

Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Diesel Range Organics (C10-C28)	**50**	47	ug/l	1	6C14001	03/14/06	03/16/06	EPA 8015B-SVOA	HC-12
Surrogate: n-Octacosane		*69 %*	*34-123*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
tert-Amyl methyl ether	ND	10	ug/l	20	6C16042	03/16/06	03/17/06	EPA 8260B	
tert-Butyl alcohol	**4400**	400	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	10	"	"	"	"	"	"	
Ethanol	ND	2000	"	"	"	"	"	"	CC02
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	**1000**	10	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*95 %*	*60-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93 %*	*70-120*		"	"	"	"	
Surrogate: Dibromofluoromethane		*94 %*	*65-130*		"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*70-120*		"	"	"	"	

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601 North McDowell Blvd.	Project Number: 7-3035	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	03/31/06 17:15

W-38-HP8 (MPC0328-02) Water Sampled: 03/08/06 13:25 Received: 03/09/06 19:25

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	**420**	250	ug/l	5	6C16027	03/16/06	03/16/06	EPA 8015B/8021B	
Benzene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
Xylenes (total)	ND	2.5	"	"	"	"	"	"	
Methyl tert-butyl ether	69	12	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*108 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99 %*	*80-120*		"	"	"	"	

Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Diesel Range Organics (C10-C28)	**51**	47	ug/l	1	6C14001	03/14/06	03/16/06	EPA 8015B-SVOA	HC-12
Surrogate: n-Octacosane		*93 %*	*34-123*		"	"	"	"	

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Environmental Resolutions (Exxon)	Project: Exxon 7-3035	MPC0328
601 North McDowell Blvd.	Project Number: 7-3035	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	03/31/06 17:15

W-38-HP8 (MPC0328-02RE1) Water Sampled: 03/08/06 13:25 Received: 03/09/06 19:25

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
tert-Amyl methyl ether	ND	2.5	ug/l	5	6C20015	03/20/06	03/20/06	EPA 8260B	
tert-Butyl alcohol	**930**	100	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.5	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
Ethanol	ND	500	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Methyl tert-butyl ether	**80**	2.5	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*116 %*	*60-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90 %*	*70-120*		"	"	"	"	
Surrogate: Dibromofluoromethane		*100 %*	*65-130*		"	"	"	"	
Surrogate: Toluene-d8		*94 %*	*70-120*		"	"	"	"	

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Environmental Resolutions (Exxon)	Project: Exxon 7-3035	MPC0328
601 North McDowell Blvd.	Project Number: 7-3035	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	03/31/06 17:15

W-56-HP8 (MPC0328-03) Water Sampled: 03/08/06 15:40 Received: 03/09/06 19:25

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6C15028	03/15/06	03/16/06	EPA 8015B/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**18**	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*104 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93 %*	*80-120*		"	"	"	"	

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601 North McDowell Blvd.	Project Number: 7-3035	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	03/31/06 17:15

W-56-HP8 (MPC0328-03RE1) Water Sampled: 03/08/06 15:40 Received: 03/09/06 19:25

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
tert-Amyl methyl ether	ND	0.50	ug/l	1	6C20015	03/20/06	03/20/06	EPA 8260B	
tert-Butyl alcohol	**42**	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**17**	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*60-135*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*85 %*	*70-120*		"	"	"	"	
Surrogate: Dibromofluoromethane		*103 %*	*65-130*		"	"	"	"	
Surrogate: Toluene-d8		*88 %*	*70-120*		"	"	"	"	

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601 North McDowell Blvd.	Project Number: 7-3035	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	03/31/06 17:15

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6C15028 - EPA 5030B [P/T]										
Blank (6C15028-BLK1)				Prepared & Analyzed: 03/15/06						
Gasoline Range Organics (C4-C12)	ND	25	ug/l							
Benzene	ND	0.25	"							
Toluene	ND	0.25	"							
Ethylbenzene	ND	0.25	"							
Xylenes (total)	ND	0.25	"							
Methyl tert-butyl ether	ND	1.25	"							
Surrogate: a,a,a-Trifluorotoluene	*41.2*		"	*40.0*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*38.0*		"	*40.0*		*95*	*80-120*			
LCS (6C15028-BS1)				Prepared & Analyzed: 03/15/06						
Gasoline Range Organics (C4-C12)	221	50	ug/l	275		80	55-130			
Benzene	3.28	0.50	"	2.65		124	75-150			
Toluene	20.5	0.50	"	23.0		89	80-115			
Ethylbenzene	3.88	0.50	"	4.60		84	75-115			
Xylenes (total)	22.3	0.50	"	26.4		84	75-115			
Surrogate: a,a,a-Trifluorotoluene	*40.7*		"	*40.0*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*39.6*		"	*40.0*		*99*	*80-120*			
Matrix Spike (6C15028-MS1)		**Source: MPC0255-04**		Prepared & Analyzed: 03/15/06						
Gasoline Range Organics (C4-C12)	210	50	ug/l	275	ND	76	55-130			
Benzene	3.16	0.50	"	2.65	ND	119	75-150			
Toluene	19.9	0.50	"	23.0	ND	87	80-115			
Ethylbenzene	3.80	0.50	"	4.60	ND	83	75-115			
Xylenes (total)	21.8	0.50	"	26.4	ND	83	75-115			
Surrogate: a,a,a-Trifluorotoluene	*40.9*		"	*40.0*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*40.6*		"	*40.0*		*102*	*80-120*			
Matrix Spike Dup (6C15028-MSD1)		**Source: MPC0255-04**		Prepared & Analyzed: 03/15/06						
Gasoline Range Organics (C4-C12)	209	50	ug/l	275	ND	76	55-130	0.5	35	
Benzene	3.19	0.50	"	2.65	ND	120	75-150	0.9	25	
Toluene	19.9	0.50	"	23.0	ND	87	80-115	0	25	
Ethylbenzene	3.81	0.50	"	4.60	ND	83	75-115	0.3	25	

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601 North McDowell Blvd.	Project Number: 7-3035	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	03/31/06 17:15

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6C15028 - EPA 5030B [P/T]										
Matrix Spike Dup (6C15028-MSD1)	**Source: MPC0255-04**			Prepared & Analyzed: 03/15/06						
Xylenes (total)	21.9	0.50	ug/l	26.4	ND	83	75-115	0.5	25	
Surrogate: a,a,a-Trifluorotoluene	*40.5*		"	*40.0*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*39.8*		"	*40.0*		*100*	*80-120*			
Batch 6C16027 - EPA 5030B [P/T]										
Blank (6C16027-BLK1)				Prepared & Analyzed: 03/16/06						
Gasoline Range Organics (C4-C12)	ND	25	ug/l							
Benzene	ND	0.25	"							
Toluene	ND	0.25	"							
Ethylbenzene	ND	0.25	"							
Xylenes (total)	ND	0.25	"							
Methyl tert-butyl ether	ND	1.25	"							
Surrogate: a,a,a-Trifluorotoluene	*86.7*		"	*80.0*		*108*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*77.3*		"	*80.0*		*97*	*80-120*			
LCS (6C16027-BS1)				Prepared & Analyzed: 03/16/06						
Gasoline Range Organics (C4-C12)	217	50	ug/l	275		79	55-130			
Benzene	3.88	0.50	"	2.65		146	75-150			
Toluene	19.5	0.50	"	23.0		85	80-115			
Ethylbenzene	3.76	0.50	"	4.60		82	75-115			
Xylenes (total)	21.8	0.50	"	26.4		83	75-115			
Surrogate: a,a,a-Trifluorotoluene	*76.5*		"	*80.0*		*96*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*77.2*		"	*80.0*		*96*	*80-120*			
Matrix Spike (6C16027-MS1)	**Source: MPC0259-05**			Prepared & Analyzed: 03/16/06						
Gasoline Range Organics (C4-C12)	227	50	ug/l	275	31	71	55-130			
Benzene	4.29	0.50	"	2.65	0.36	148	75-150			
Toluene	20.5	0.50	"	23.0	ND	89	80-115			
Ethylbenzene	3.96	0.50	"	4.60	ND	86	75-115			
Xylenes (total)	22.8	0.50	"	26.4	ND	86	75-115			
Surrogate: a,a,a-Trifluorotoluene	*83.2*		"	*80.0*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*78.2*		"	*80.0*		*98*	*80-120*			

Sequoia Analytical

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Environmental Resolutions (Exxon)	Project: Exxon 7-3035	MPC0328
601 North McDowell Blvd.	Project Number: 7-3035	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	03/31/06 17:15

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6C16027 - EPA 5030B [P/T]										
Matrix Spike Dup (6C16027-MSD1)	**Source: MPC0259-05**			Prepared & Analyzed: 03/16/06						
Gasoline Range Organics (C4-C12)	210	50	ug/l	275	31	65	55-130	8	35	
Benzene	4.07	0.50	"	2.65	0.36	140	75-150	5	25	
Toluene	19.4	0.50	"	23.0	ND	84	80-115	6	25	
Ethylbenzene	3.77	0.50	"	4.60	ND	82	75-115	5	25	
Xylenes (total)	21.6	0.50	"	26.4	ND	82	75-115	5	25	
Surrogate: a,a,a-Trifluorotoluene	*84.8*		"	*80.0*		*106*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*78.2*		"	*80.0*		*98*	*80-120*			

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Environmental Resolutions (Exxon)	Project: Exxon 7-3035	MPC0328
601 North McDowell Blvd.	Project Number: 7-3035	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	03/31/06 17:15

Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6C14001 - EPA 3510C										
Blank (6C14001-BLK1)				Prepared: 03/14/06 Analyzed: 03/16/06						
Diesel Range Organics (C10-C28)	ND	25	ug/l							
Surrogate: n-Octacosane	*45.4*		"	*50.0*		*91*	*34-123*			
LCS (6C14001-BS1)				Prepared: 03/14/06 Analyzed: 03/16/06						
Diesel Range Organics (C10-C28)	308	50	ug/l	500		62	51-128			
Surrogate: n-Octacosane	*40.9*		"	*50.0*		*82*	*34-123*			
LCS Dup (6C14001-BSD1)				Prepared: 03/14/06 Analyzed: 03/16/06						
Diesel Range Organics (C10-C28)	289	50	ug/l	500		58	51-128	6	27	
Surrogate: n-Octacosane	*39.0*		"	*50.0*		*78*	*34-123*			

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Environmental Resolutions (Exxon)	Project: Exxon 7-3035	MPC0328
601 North McDowell Blvd.	Project Number: 7-3035	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	03/31/06 17:15

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6C16042 - EPA 5030B P/T										
Blank (6C16042-BLK1)				Prepared: 03/16/06 Analyzed: 03/17/06						
tert-Amyl methyl ether	ND	0.25	ug/l							
tert-Butyl alcohol	ND	10	"							
Di-isopropyl ether	ND	0.25	"							
1,2-Dibromoethane (EDB)	ND	0.25	"							
1,2-Dichloroethane	ND	0.25	"							
Ethanol	ND	50	"							CC02
Ethyl tert-butyl ether	ND	0.25	"							
Methyl tert-butyl ether	ND	0.25	"							
Surrogate: 1,2-Dichloroethane-d4	*2.27*		"	*2.50*		*91*	*60-135*			
Surrogate: 4-Bromofluorobenzene	*2.29*		"	*2.50*		*92*	*70-120*			
Surrogate: Dibromofluoromethane	*2.20*		"	*2.50*		*88*	*65-130*			
Surrogate: Toluene-d8	*2.48*		"	*2.50*		*99*	*70-120*			
LCS (6C16042-BS1)				Prepared: 03/16/06 Analyzed: 03/17/06						
tert-Amyl methyl ether	17.0	0.50	ug/l	16.3		104	80-115			
tert-Butyl alcohol	152	20	"	169		90	75-150			
Di-isopropyl ether	16.9	0.50	"	16.2		104	75-125			
1,2-Dibromoethane (EDB)	16.1	0.50	"	16.6		97	85-120			
1,2-Dichloroethane	16.0	0.50	"	15.5		103	85-130			
Ethanol	98.4	100	"	165		60	70-135			CC02, QC02
Ethyl tert-butyl ether	16.4	0.50	"	16.4		100	75-130			
Methyl tert-butyl ether	8.23	0.50	"	7.84		105	65-125			
Surrogate: 1,2-Dichloroethane-d4	*2.34*		"	*2.50*		*94*	*60-135*			
Surrogate: 4-Bromofluorobenzene	*2.35*		"	*2.50*		*94*	*70-120*			
Surrogate: Dibromofluoromethane	*2.14*		"	*2.50*		*86*	*65-130*			
Surrogate: Toluene-d8	*2.52*		"	*2.50*		*101*	*70-120*			
Matrix Spike (6C16042-MS1)	**Source: MPC0245-03**			Prepared: 03/16/06 Analyzed: 03/17/06						
tert-Amyl methyl ether	1700	50	ug/l	1630	ND	104	80-115			
tert-Butyl alcohol	15700	2000	"	16900	ND	93	75-120			
Di-isopropyl ether	1620	50	"	1620	ND	100	75-125			
1,2-Dibromoethane (EDB)	1520	50	"	1660	ND	92	85-120			

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Environmental Resolutions (Exxon)	Project: Exxon 7-3035	MPC0328
601 North McDowell Blvd.	Project Number: 7-3035	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	03/31/06 17:15

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6C16042 - EPA 5030B P/T										
Matrix Spike (6C16042-MS1)	**Source: MPC0245-03**			Prepared: 03/16/06 Analyzed: 03/17/06						
1,2-Dichloroethane	1500	50	ug/l	1550	ND	97	85-130			
Ethanol	10500	10000	"	16500	720	59	70-135			CC02, QC02
Ethyl tert-butyl ether	1570	50	"	1640	ND	96	75-130			
Methyl tert-butyl ether	794	50	"	784	14	99	65-125			
Surrogate: 1,2-Dichloroethane-d4	*2.35*		"	*2.50*		*94*	*60-135*			
Surrogate: 4-Bromofluorobenzene	*2.43*		"	*2.50*		*97*	*70-120*			
Surrogate: Dibromofluoromethane	*2.14*		"	*2.50*		*86*	*65-130*			
Surrogate: Toluene-d8	*2.49*		"	*2.50*		*100*	*70-120*			
Matrix Spike Dup (6C16042-MSD1)	**Source: MPC0245-03**			Prepared: 03/16/06 Analyzed: 03/17/06						
tert-Amyl methyl ether	1880	50	ug/l	1630	ND	115	80-115	10	15	
tert-Butyl alcohol	17000	2000	"	16900	ND	101	75-120	8	25	
Di-isopropyl ether	1830	50	"	1620	ND	113	75-125	12	15	
1,2-Dibromoethane (EDB)	1720	50	"	1660	ND	104	85-120	12	15	
1,2-Dichloroethane	1660	50	"	1550	ND	107	85-130	10	20	
Ethanol	11600	10000	"	16500	720	66	70-135	10	35	CC02, QC02
Ethyl tert-butyl ether	1760	50	"	1640	ND	107	75-130	11	25	
Methyl tert-butyl ether	867	50	"	784	14	109	65-125	9	20	
Surrogate: 1,2-Dichloroethane-d4	*2.37*		"	*2.50*		*95*	*60-135*			
Surrogate: 4-Bromofluorobenzene	*2.41*		"	*2.50*		*96*	*70-120*			
Surrogate: Dibromofluoromethane	*2.09*		"	*2.50*		*84*	*65-130*			
Surrogate: Toluene-d8	*2.47*		"	*2.50*		*99*	*70-120*			
Batch 6C20015 - EPA 5030B P/T										
Blank (6C20015-BLK1)				Prepared & Analyzed: 03/20/06						
tert-Amyl methyl ether	ND	0.25	ug/l							
tert-Butyl alcohol	ND	10	"							
Di-isopropyl ether	ND	0.25	"							
1,2-Dibromoethane (EDB)	ND	0.25	"							
1,2-Dichloroethane	ND	0.25	"							
Ethanol	ND	50	"							
Ethyl tert-butyl ether	ND	0.25	"							

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Environmental Resolutions (Exxon)	Project: Exxon 7-3035	MPC0328
601 North McDowell Blvd.	Project Number: 7-3035	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	03/31/06 17:15

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6C20015 - EPA 5030B P/T										
Blank (6C20015-BLK1)				Prepared & Analyzed: 03/20/06						
Methyl tert-butyl ether	ND	0.25	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*2.61*		"	*2.50*		*104*	*60-135*			
Surrogate: 4-Bromofluorobenzene	*2.14*		"	*2.50*		*86*	*70-120*			
Surrogate: Dibromofluoromethane	*2.42*		"	*2.50*		*97*	*65-130*			
Surrogate: Toluene-d8	*2.23*		"	*2.50*		*89*	*70-120*			
LCS (6C20015-BS1)				Prepared & Analyzed: 03/20/06						
tert-Amyl methyl ether	19.6	0.50	ug/l	16.3		120	80-115			QC01
tert-Butyl alcohol	163	20	"	169		96	75-150			
Di-isopropyl ether	17.7	0.50	"	16.2		109	75-125			
1,2-Dibromoethane (EDB)	17.2	0.50	"	16.6		104	85-120			
1,2-Dichloroethane	15.6	0.50	"	15.5		101	85-130			
Ethanol	211	100	"	165		128	70-135			
Ethyl tert-butyl ether	19.0	0.50	"	16.4		116	75-130			
Methyl tert-butyl ether	8.60	0.50	"	7.84		110	65-125			
Surrogate: 1,2-Dichloroethane-d4	*2.55*		"	*2.50*		*102*	*60-135*			
Surrogate: 4-Bromofluorobenzene	*2.39*		"	*2.50*		*96*	*70-120*			
Surrogate: Dibromofluoromethane	*2.26*		"	*2.50*		*90*	*65-130*			
Surrogate: Toluene-d8	*2.31*		"	*2.50*		*92*	*70-120*			
LCS Dup (6C20015-BSD1)				Prepared & Analyzed: 03/20/06						
tert-Amyl methyl ether	19.2	0.50	ug/l	16.3		118	80-115	2	15	QC01
tert-Butyl alcohol	163	20	"	169		96	75-150	0	25	
Di-isopropyl ether	17.2	0.50	"	16.2		106	75-125	3	15	
1,2-Dibromoethane (EDB)	16.8	0.50	"	16.6		101	85-120	2	15	
1,2-Dichloroethane	15.0	0.50	"	15.5		97	85-130	4	20	
Ethanol	181	100	"	165		110	70-135	15	35	
Ethyl tert-butyl ether	18.4	0.50	"	16.4		112	75-130	3	25	
Methyl tert-butyl ether	8.35	0.50	"	7.84		107	65-125	3	20	
Surrogate: 1,2-Dichloroethane-d4	*2.53*		"	*2.50*		*101*	*60-135*			
Surrogate: 4-Bromofluorobenzene	*2.44*		"	*2.50*		*98*	*70-120*			
Surrogate: Dibromofluoromethane	*2.31*		"	*2.50*		*92*	*65-130*			
Surrogate: Toluene-d8	*2.31*		"	*2.50*		*92*	*70-120*			

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Environmental Resolutions (Exxon)	Project: Exxon 7-3035	MPC0328
601 North McDowell Blvd.	Project Number: 7-3035	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	03/31/06 17:15

Notes and Definitions

QC02	The percent recovery was below the control limits.
QC01	The percent recovery was above the control limits.
HC-12	Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
CC02	The result was reported with a possible low bias due to the continuing calibration verification falling outside the acceptance criteria.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

CHAIN OF CUSTODY RECORD

MPC0328

TestAmerica INCORPORATED

408-776-9600
Morgan Hill Division
885 Jarvis Drive
Morgan Hill, CA 95037

ExxonMobil

Consultant Name: Environmental Resolutions, Inc.
Address: 601 N McDowell Blvd.
City/State/Zip: Petaluma, CA 94954
Project Manager: Paula Sime
Telephone Number: (707) 766-2000
ERI Job Number: 200303X
Sampler Name: (Print) R. Westrup
Sampler Signature:

ExxonMobil Engineer: Jennifer Sedlachek
Telephone Number: (510) 547-8196
Account #: 10228
PO #: 4505890849
Facility ID #: 7-3035
Global ID#: T0609700734
Site Address: 4501 Sonoma Highway
City, State Zip: Santa Rosa, California, 95409

Shipping Method: ☑ Lab Courier ☐ Hand Deliver ☐ Commercial Express ☐ Other:

TAT: ASAP
☐ 24 hour ☐ 72 hour
☐ 48 hour ☐ 96 hour
☐ 8 day 5-day *

PROVIDE: EDF Report

Special Instructions:
7 CA Oxys = MTBE, TBA, TAME, ETBE, DIPE, 1,2-DCA, EDB. Use silica gel cleanup for all TPHd analyses.
* Per email, please report results ASAP (24-hr TAT preferred)

Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV (VOA/liter)	NUMBER (VOA/liter)	Matrix: Water	Soil	Vapor	Analyze For: TPHd 8015M	TPHg 8015M	BTEX 8021B	MTBE 8021B	7 CA Oxys 8260B	Ethanol 8260B	Methanol 8015M
W-24-HP8 01	3/8/06	12:34		X	HCL/none	6/2	X			X	X	X	X	X	X	
W-38-HP8 02	↓	13:25		X	↓	6/2	X			X	X	X	X	X	X	
W-56-HP8 03	↓	15:40		X	↓	6/0	X				X	X	X	X	X	

Relinquished by: [signature] Date 3/8/06 Time 16:15 Received by: [signature] 3/8/06 Time 1615
Relinquished by: [signature] Date 3/9/06 Time 0900 Received by: [signature] 3-9-06 1016
Relinquished by: [signature] Date 3-9-06 Time 1245 Received by TestAmerica: [signature] Time BB
[signature] 3-9-06 1925 [signature] 3/9/06 1925

Laboratory Comments:
Temperature Upon Receipt: 3.2°C
Sample Containers Intact? Yes
VOAs Free of Headspace? Yes

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: ERI / EXXON
REC. BY (PRINT): PH
WORKORDER: MPC0328

DATE REC'D AT LAB: 3/9/06
TIME REC'D AT LAB: 1925
DATE LOGGED IN: 3/9/06

For Regulatory Purposes?
DRINKING WATER YES (NO)
WASTE WATER YES / NO

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s)	Present / (Absent) Intact / Broken*									
2. Chain-of-Custody	(Present) / Absent*									
3. Traffic Reports or Packing List:	Present / (Absent)									
4. Airbill:	Airbill / Sticker Present / (Absent)									
5. Airbill #:										
6. Sample Labels:	(Present) / Absent									
7. Sample IDs:	(Listed) / Not Listed on Chain-of-Custody									
8. Sample Condition:	(Intact) / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree?	(Yes) / No*									
10. Sample received within hold time?	(Yes) / No*									
11. Adequate sample volume received?	(Yes) / No*									
12. Proper preservatives used?	(Yes) / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes)	Yes / (No*)									
14. Read Temp:	3.2°C									
Corrected Temp:	3.2°C									
Is corrected temp 4 +/-2°C?	(Yes) / No**									

(Acceptance range for samples requiring thermal pres.)
**Exception (if any): METALS / DFF ON ICE or Problem COC

3/9/06

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

SRL Revision 7
Replaces Rev 5 (07/13/04)
Effective 07/19/05

Sequoia Analytical

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19 April, 2006

Paula Sime
Environmental Resolutions (Exxon)
601 North McDowell Blvd.
Petaluma, CA 94954

RE: Exxon 7-3035
Work Order: MPD0215

Enclosed are the results of analyses for samples received by the laboratory on 04/07/06 14:55. The samples arrived at a temperature of 3° C. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Christina Dell
Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

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Environmental Resolutions (Exxon)	Project: Exxon 7-3035	MPD0215
601 North McDowell Blvd.	Project Number: 7-3035	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	04/19/06 08:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP-1-(1-4)	MPD0215-01	Soil	04/06/06 15:30	04/07/06 14:55

Sequoia Analytical

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Environmental Resolutions (Exxon)	Project: Exxon 7-3035	MPD0215
601 North McDowell Blvd.	Project Number: 7-3035	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	04/19/06 08:28

SP-1-(1-4) (MPD0215-01) Soil Sampled: 04/06/06 15:30 Received: 04/07/06 14:55

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	ND	0.10	mg/kg	1	6D11012	04/11/06	04/11/06	EPA 8015B/8021B	
Benzene	ND	0.0010	"	"	"	"	"	"	
Toluene	ND	0.0010	"	"	"	"	"	"	
Ethylbenzene	ND	0.0010	"	"	"	"	"	"	
Xylenes (total)	ND	0.0010	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*99 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*84 %*	*45-135*		"	"	"	"	

Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Diesel Range Organics (C10-C28)	**100**	10	mg/kg	10	6D06019	04/07/06	04/10/06	EPA 8015B-SVOA	HC-12
Surrogate: n-Octacosane		*304 %*	*40-120*		"	"	"	"	*S04*

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Lead	**15**	5.0	mg/kg	1	6D10032	04/10/06	04/10/06	EPA 6010B	

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Methyl tert-butyl ether	ND	0.0050	mg/kg	1	6D11006	04/11/06	04/11/06	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		*95 %*	*55-135*		"	"	"	"	

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Environmental Resolutions (Exxon)	Project: Exxon 7-3035	MPD0215
601 North McDowell Blvd.	Project Number: 7-3035	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	04/19/06 08:28

SP-1-(1-4) (MPD0215-01) Soil Sampled: 04/06/06 15:30 Received: 04/07/06 14:55

EPA 8010 list Volatile Organic Compounds by EPA 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromochloromethane	ND	0.0050	mg/kg	1	6D11006	04/11/06	04/11/06	EPA 8260B	
Bromodichloromethane	ND	0.0050	"	"	"	"	"	"	
Bromoform	ND	0.0050	"	"	"	"	"	"	
Bromomethane	ND	0.0050	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0050	"	"	"	"	"	"	
Chlorobenzene	ND	0.0050	"	"	"	"	"	"	
Chloroethane	ND	0.0050	"	"	"	"	"	"	
Chloroform	ND	0.0050	"	"	"	"	"	"	
Chloromethane	ND	0.0050	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0050	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
Freon 113	ND	0.0050	"	"	"	"	"	"	
Methylene chloride	ND	0.0050	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0050	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
Trichloroethene	ND	0.0050	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0050	"	"	"	"	"	"	
Vinyl chloride	ND	0.0050	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*93 %*		*70-120*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*95 %*		*55-135*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92 %*		*70-115*	"	"	"	"	

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601 North McDowell Blvd.	Project Number: 7-3035	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	04/19/06 08:28

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6D11012 - EPA 5035 heated prg										
Blank (6D11012-BLK1)				Prepared & Analyzed: 04/11/06						
Gasoline Range Organics (C4-C12)	ND	0.05	mg/kg							
Benzene	ND	0.0005	"							
Toluene	ND	0.0005	"							
Ethylbenzene	ND	0.0005	"							
Xylenes (total)	ND	0.0005	"							
Surrogate: a,a,a-Trifluorotoluene	*0.0404*		"	*0.0400*		*101*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*0.0370*		"	*0.0400*		*92*	*45-135*			
LCS (6D11012-BS1)				Prepared & Analyzed: 04/11/06						
Gasoline Range Organics (C4-C12)	0.216	0.10	mg/kg	0.275		79	65-125			
Benzene	0.00294	0.0010	"	0.00265		111	55-150			
Toluene	0.0199	0.0010	"	0.0230		87	80-125			
Ethylbenzene	0.00456	0.0010	"	0.00460		99	65-120			
Xylenes (total)	0.0249	0.0010	"	0.0264		94	80-130			
Surrogate: a,a,a-Trifluorotoluene	*0.0414*		"	*0.0400*		*104*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*0.0408*		"	*0.0400*		*102*	*45-135*			
Matrix Spike (6D11012-MS1)		**Source: MPD0215-01**		Prepared & Analyzed: 04/11/06						
Gasoline Range Organics (C4-C12)	0.146	0.10	mg/kg	0.275	0.022	45	65-125			QM02
Benzene	0.00279	0.0010	"	0.00265	ND	105	55-150			
Toluene	0.0186	0.0010	"	0.0230	ND	81	80-125			
Ethylbenzene	0.00387	0.0010	"	0.00460	ND	84	65-120			
Xylenes (total)	0.0205	0.0010	"	0.0264	0.00032	76	80-130			QM02
Surrogate: a,a,a-Trifluorotoluene	*0.0376*		"	*0.0400*		*94*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*0.0325*		"	*0.0400*		*81*	*45-135*			
Matrix Spike Dup (6D11012-MSD1)		**Source: MPD0215-01**		Prepared & Analyzed: 04/11/06						
Gasoline Range Organics (C4-C12)	0.130	0.10	mg/kg	0.275	0.022	39	65-125	12	40	QM02
Benzene	0.00249	0.0010	"	0.00265	ND	94	55-150	11	35	
Toluene	0.0162	0.0010	"	0.0230	ND	70	80-125	14	40	QM02
Ethylbenzene	0.00326	0.0010	"	0.00460	ND	71	65-120	17	40	
Xylenes (total)	0.0172	0.0010	"	0.0264	0.00032	64	80-130	18	40	QM02

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601 North McDowell Blvd.	Project Number: 7-3035	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	04/19/06 08:28

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6D11012 - EPA 5035 heated prg										
Matrix Spike Dup (6D11012-MSD1)	**Source: MPD0215-01**		Prepared & Analyzed: 04/11/06							
Surrogate: a,a,a-Trifluorotoluene	*0.0376*		*mg/kg*	*0.0400*		*94*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*0.0326*		*"*	*0.0400*		*82*	*45-135*			

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601 North McDowell Blvd.	Project Number: 7-3035	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	04/19/06 08:28

Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6D06019 - LUFT-DHS										
Blank (6D06019-BLK1)				Prepared: 04/07/06 Analyzed: 04/10/06						
Diesel Range Organics (C10-C28)	0.742	0.65	mg/kg							
Surrogate: n-Octacosane	*1.17*		"	*1.67*		*70*	*40-120*			
LCS (6D06019-BS1)				Prepared: 04/07/06 Analyzed: 04/10/06						
Diesel Range Organics (C10-C28)	13.3	1.0	mg/kg	16.7		80	60-115			
Surrogate: n-Octacosane	*1.31*		"	*1.67*		*78*	*40-120*			
Matrix Spike (6D06019-MS1)		**Source: MPD0017-16**		Prepared: 04/07/06 Analyzed: 04/10/06						
Diesel Range Organics (C10-C28)	11.9	1.0	mg/kg	16.7	0.65	67	60-115			
Surrogate: n-Octacosane	*1.20*		"	*1.67*		*72*	*40-120*			
Matrix Spike Dup (6D06019-MSD1)		**Source: MPD0017-16**		Prepared: 04/07/06 Analyzed: 04/10/06						
Diesel Range Organics (C10-C28)	12.4	1.0	mg/kg	16.7	0.65	70	60-115	4	40	
Surrogate: n-Octacosane	*1.26*		"	*1.67*		*75*	*40-120*			

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601 North McDowell Blvd.	Project Number: 7-3035	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	04/19/06 08:28

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6D10032 - EPA 3050B										
Blank (6D10032-BLK1)				Prepared & Analyzed: 04/10/06						
Lead	ND	2.5	mg/kg							
LCS (6D10032-BS1)				Prepared & Analyzed: 04/10/06						
Lead	47.8	5.0	mg/kg	50.0		96	75-120			
Matrix Spike (6D10032-MS1)		**Source: MPD0017-22**		Prepared & Analyzed: 04/10/06						
Lead	45.2	5.0	mg/kg	50.0	1.8	87	75-120			
Matrix Spike Dup (6D10032-MSD1)		**Source: MPD0017-22**		Prepared & Analyzed: 04/10/06						
Lead	50.8	5.0	mg/kg	50.0	1.8	98	75-120	12	25	

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601 North McDowell Blvd.	Project Number: 7-3035	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	04/19/06 08:28

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6D11006 - EPA 5035										
Blank (6D11006-BLK1)				Prepared & Analyzed: 04/11/06						
Methyl tert-butyl ether	ND	0.0025	mg/kg							
Surrogate: 1,2-Dichloroethane-d4	*0.00495*		"	*0.00500*		*99*	*55-135*			
LCS (6D11006-BS1)				Prepared & Analyzed: 04/11/06						
Methyl tert-butyl ether	0.0113	0.0050	mg/kg	0.0100		113	70-135			
Surrogate: 1,2-Dichloroethane-d4	*0.00493*		"	*0.00500*		*99*	*55-135*			
LCS Dup (6D11006-BSD1)				Prepared & Analyzed: 04/11/06						
Methyl tert-butyl ether	0.0110	0.0050	mg/kg	0.0100		110	70-135	3	15	
Surrogate: 1,2-Dichloroethane-d4	*0.00489*		"	*0.00500*		*98*	*55-135*			
Matrix Spike (6D11006-MS1)		**Source: MPD0017-01**		Prepared & Analyzed: 04/11/06						
Methyl tert-butyl ether	0.00805	0.0050	mg/kg	0.00784	ND	103	70-135			
Surrogate: 1,2-Dichloroethane-d4	*0.00519*		"	*0.00500*		*104*	*55-135*			
Matrix Spike Dup (6D11006-MSD1)		**Source: MPD0017-01**		Prepared & Analyzed: 04/11/06						
Methyl tert-butyl ether	0.00799	0.0050	mg/kg	0.00784	ND	102	70-135	0.7	15	
Surrogate: 1,2-Dichloroethane-d4	*0.00502*		"	*0.00500*		*100*	*55-135*			

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EPA 8010 list Volatile Organic Compounds by EPA 8260B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6D11006 - EPA 5035										
Blank (6D11006-BLK1)				Prepared & Analyzed: 04/11/06						
Bromochloromethane	ND	0.0025	mg/kg							
Bromodichloromethane	ND	0.0025	"							
Bromoform	ND	0.0025	"							
Bromomethane	ND	0.0025	"							
Carbon tetrachloride	ND	0.0025	"							
Chlorobenzene	ND	0.0025	"							
Chloroethane	ND	0.0025	"							
Chloroform	ND	0.0025	"							
Chloromethane	ND	0.0025	"							
Dibromochloromethane	ND	0.0025	"							
1,2-Dibromoethane (EDB)	ND	0.0025	"							
1,2-Dichlorobenzene	ND	0.0025	"							
1,3-Dichlorobenzene	ND	0.0025	"							
1,4-Dichlorobenzene	ND	0.0025	"							
1,1-Dichloroethane	ND	0.0025	"							
1,2-Dichloroethane	ND	0.0025	"							
1,1-Dichloroethene	ND	0.0025	"							
cis-1,2-Dichloroethene	ND	0.0025	"							
trans-1,2-Dichloroethene	ND	0.0025	"							
1,2-Dichloropropane	ND	0.0025	"							
cis-1,3-Dichloropropene	ND	0.0025	"							
trans-1,3-Dichloropropene	ND	0.0025	"							
Freon 113	ND	0.0025	"							
Methylene chloride	ND	0.0025	"							
1,1,2,2-Tetrachloroethane	ND	0.0025	"							
Tetrachloroethene	ND	0.0025	"							
1,1,1-Trichloroethane	ND	0.0025	"							
1,1,2-Trichloroethane	ND	0.0025	"							
Trichloroethene	ND	0.0025	"							

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EPA 8010 list Volatile Organic Compounds by EPA 8260B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6D11006 - EPA 5035										
Blank (6D11006-BLK1)				Prepared & Analyzed: 04/11/06						
Trichlorofluoromethane	ND	0.0025	"							
Vinyl chloride	ND	0.0025	"							
Surrogate: Dibromofluoromethane	*0.00465*		"	*0.00500*		*93*	*70-120*			
Surrogate: 1,2-Dichloroethane-d4	*0.00495*		"	*0.00500*		*99*	*55-135*			
Surrogate: 4-Bromofluorobenzene	*0.00473*		"	*0.00500*		*95*	*70-115*			
LCS (6D11006-BS1)				Prepared & Analyzed: 04/11/06						
Bromochloromethane	0.00934	0.0050	mg/kg	0.0100		93	65-150			
Bromodichloromethane	0.0126	0.0050	"	0.0100		126	85-150			
Bromoform	0.0115	0.0050	"	0.0100		115	85-140			
Bromomethane	0.00619	0.0050	"	0.0100		62	10-150			
Carbon tetrachloride	0.0121	0.0050	"	0.0100		121	70-150			
Chlorobenzene	0.0108	0.0050	"	0.0100		108	85-130			
Chloroethane	0.00944	0.0050	"	0.0100		94	10-150			
Chloroform	0.0113	0.0050	"	0.0100		113	80-140			
Chloromethane	0.00818	0.0050	"	0.0100		82	40-140			
Dibromochloromethane	0.0123	0.0050	"	0.0100		123	75-150			
1,2-Dibromoethane (EDB)	0.0117	0.0050	"	0.0100		117	85-135			
1,2-Dichlorobenzene	0.0108	0.0050	"	0.0100		108	85-130			
1,3-Dichlorobenzene	0.0108	0.0050	"	0.0100		108	85-130			
1,4-Dichlorobenzene	0.0105	0.0050	"	0.0100		105	85-130			
1,1-Dichloroethane	0.0107	0.0050	"	0.0100		107	75-145			
1,2-Dichloroethane	0.0115	0.0050	"	0.0100		115	65-145			
1,1-Dichloroethene	0.0118	0.0050	"	0.0100		118	70-150			
cis-1,2-Dichloroethene	0.0113	0.0050	"	0.0100		113	85-145			
trans-1,2-Dichloroethene	0.0110	0.0050	"	0.0100		110	75-150			
1,2-Dichloropropane	0.0111	0.0050	"	0.0100		111	85-135			
cis-1,3-Dichloropropene	0.0115	0.0050	"	0.0100		115	75-120			
trans-1,3-Dichloropropene	0.0121	0.0050	"	0.0100		121	75-125			
Freon 113	0.0121	0.0050	"	0.0100		121	75-120			QC01

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601 North McDowell Blvd.	Project Number: 7-3035	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	04/19/06 08:28

EPA 8010 list Volatile Organic Compounds by EPA 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6D11006 - EPA 5035										
LCS (6D11006-BS1)				Prepared & Analyzed: 04/11/06						
Methylene chloride	0.0131	0.0050	mg/kg	0.0100		131	65-150			
1,1,2,2-Tetrachloroethane	0.0103	0.0050	"	0.0100		103	70-140			
Tetrachloroethene	0.0122	0.0050	"	0.0100		122	70-150			
1,1,1-Trichloroethane	0.0120	0.0050	"	0.0100		120	75-150			
1,1,2-Trichloroethane	0.0118	0.0050	"	0.0100		118	85-135			
Trichloroethene	0.0120	0.0050	"	0.0100		120	65-150			
Trichlorofluoromethane	0.0101	0.0050	"	0.0100		101	45-150			
Vinyl chloride	0.0104	0.0050	"	0.0100		104	25-150			
Surrogate: Dibromofluoromethane	*0.00483*		"	*0.00500*		*97*	*70-120*			
Surrogate: 1,2-Dichloroethane-d4	*0.00493*		"	*0.00500*		*99*	*55-135*			
Surrogate: Toluene-d8	*0.00491*		"	*0.00500*		*98*	*75-115*			
Surrogate: 4-Bromofluorobenzene	*0.00489*		"	*0.00500*		*98*	*70-115*			
LCS Dup (6D11006-BSD1)				Prepared & Analyzed: 04/11/06						
Bromochloromethane	0.00949	0.0050	mg/kg	0.0100		95	65-150	2	20	
Bromodichloromethane	0.0121	0.0050	"	0.0100		121	85-150	4	20	
Bromoform	0.0119	0.0050	"	0.0100		119	85-140	3	15	
Bromomethane	0.00629	0.0050	"	0.0100		63	10-150	2	40	
Carbon tetrachloride	0.0119	0.0050	"	0.0100		119	70-150	2	20	
Chlorobenzene	0.0108	0.0050	"	0.0100		108	85-130	0	15	
Chloroethane	0.00925	0.0050	"	0.0100		92	10-150	2	40	
Chloroform	0.0114	0.0050	"	0.0100		114	80-140	0.9	20	
Chloromethane	0.00769	0.0050	"	0.0100		77	40-140	6	40	
Dibromochloromethane	0.0120	0.0050	"	0.0100		120	75-150	2	20	
1,2-Dibromoethane (EDB)	0.0114	0.0050	"	0.0100		114	85-135	3	20	
1,2-Dichlorobenzene	0.0103	0.0050	"	0.0100		103	85-130	5	20	
1,3-Dichlorobenzene	0.0102	0.0050	"	0.0100		102	85-130	6	20	
1,4-Dichlorobenzene	0.0100	0.0050	"	0.0100		100	85-130	5	25	
1,1-Dichloroethane	0.0107	0.0050	"	0.0100		107	75-145	0	20	
1,2-Dichloroethane	0.0114	0.0050	"	0.0100		114	65-145	0.9	25	

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Environmental Resolutions (Exxon)	Project: Exxon 7-3035	MPD0215
601 North McDowell Blvd.	Project Number: 7-3035	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	04/19/06 08:28

EPA 8010 list Volatile Organic Compounds by EPA 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6D11006 - EPA 5035										
LCS Dup (6D11006-BSD1)				Prepared & Analyzed: 04/11/06						
1,1-Dichloroethene	0.0110	0.0050	mg/kg	0.0100		110	70-150	7	25	
cis-1,2-Dichloroethene	0.0115	0.0050	"	0.0100		115	85-145	2	20	
trans-1,2-Dichloroethene	0.0108	0.0050	"	0.0100		108	75-150	2	30	
1,2-Dichloropropane	0.0104	0.0050	"	0.0100		104	85-135	7	20	
cis-1,3-Dichloropropene	0.0113	0.0050	"	0.0100		113	75-120	2	40	
trans-1,3-Dichloropropene	0.0118	0.0050	"	0.0100		118	75-125	3	30	
Freon 113	0.0111	0.0050	"	0.0100		111	75-120	9	25	
Methylene chloride	0.0120	0.0050	"	0.0100		120	65-150	9	35	
1,1,2,2-Tetrachloroethane	0.00968	0.0050	"	0.0100		97	70-140	6	20	
Tetrachloroethene	0.0118	0.0050	"	0.0100		118	70-150	3	20	
1,1,1-Trichloroethane	0.0119	0.0050	"	0.0100		119	75-150	0.8	20	
1,1,2-Trichloroethane	0.0114	0.0050	"	0.0100		114	85-135	3	20	
Trichloroethene	0.0113	0.0050	"	0.0100		113	65-150	6	20	
Trichlorofluoromethane	0.00984	0.0050	"	0.0100		98	45-150	3	40	
Vinyl chloride	0.00991	0.0050	"	0.0100		99	25-150	5	40	
Surrogate: Dibromofluoromethane	*0.00488*		"	*0.00500*		*98*	*70-120*			
Surrogate: 1,2-Dichloroethane-d4	*0.00489*		"	*0.00500*		*98*	*55-135*			
Surrogate: 4-Bromofluorobenzene	*0.00493*		"	*0.00500*		*99*	*70-115*			

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Environmental Resolutions (Exxon)	Project: Exxon 7-3035	MPD0215
601 North McDowell Blvd.	Project Number: 7-3035	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	04/19/06 08:28

Notes and Definitions

S04	The surrogate recovery for this sample is above control limits due to interference from the sample matrix.
QM02	The spike recovery was below control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QC01	The percent recovery was above the control limits.
HC-12	Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

CHAIN OF CUSTODY RECORD

TestAmerica INCORPORATED

408-776-9600
Morgan Hill Division
885 Jarvis Drive
Morgan Hill, CA 95037

ExxonMobil

Consultant Name: Environmental Resolutions, Inc.
Address: 601 N McDowell Blvd.
City/State/Zip: Petaluma, CA 94954
Project Manager: Paula Sime
Telephone Number: (707) 766-2000
ERI Job Number: 200303X
Sampler Name: (Print) Jennifer Lacy
Sampler Signature: Jennifer Lacy

ExxonMobil Engineer: Jennifer Sedlachek
Telephone Number: (510) 547-8196
Account #: 10228
PO #:
Facility ID #: 7-3035
Global ID#: T0609700734
Site Address: 4501 Sonoma Highway
City, State Zip: Santa Rosa, California, 95409

Shipping Method: ☐ Lab Courier ☐ Hand Deliver ☐ Commercial Express ☐ Other:

TAT
☑ 24 hour ☐ 72 hour
☐ 48 hour ☐ 96 hour
☐ 8 day

PROVIDE:
EDF Report

Special Instructions:
*HVOCs: Analyze 8010 list using 8260B. Use silica gel cleanup for all TPHd analyses. Please composite the 4 brass sleeves. NOTE 24-HR TAT!
MPD0215

Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV (VOA/liter)	NUMBER	Matrix: Water	Soil	Vapor	Analyze For: TPHd 8015M	TPHg 8015M	BTEX 8021B	MTBE 8260B	HVOCs 8260B*	Total Lead 6010B
SP-1-(1-4)	4/6/06	1530	X		ice	4 brass		X		X	X	X	X	X	X

Relinquished by: Jennifer Lacy Date 4/7/06 Time 0800 Received by: Aloreza Time 4-7-06 1100
Relinquished by: Aloreza Date 4-7-06 Time 1220 Received by TestAmerica: 4/7/06 1220 Time

Laboratory Comments:
Temperature Upon Receipt: 3.0 c
Sample Containers Intact? Y
VOAs Free of Headspace? N/A

4/7/06 1455 4-7-06 14:55

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: ERI
REC. BY (PRINT) LP
WORKORDER: MPD0215

DATE REC'D AT LAB: 4-7-06
TIME REC'D AT LAB: 14:55
DATE LOGGED IN: 4/7/06

For Regulatory Purposes?
DRINKING WATER YES / NO
WASTE WATER YES / NO

(For clients requiring preservation checks at receipt, document here ⬇)

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / Absent Intact / Broken*									
2. Chain-of-Custody Present / Absent*									
3. Traffic Reports or Packing List: Present / Absent									
4. Airbill: Airbill / Sticker Present / Absent									
5. Airbill #:									
6. Sample Labels: Present / Absent									
7. Sample IDs: Listed / Not Listed on Chain-of-Custody									
8. Sample Condition: Intact / Broken* / Leaking*									
9. **Does information on chain-of-custody, traffic reports and sample labels agree?** **Yes / No***									
10. Sample received within hold time? Yes / No*									
11. Adequate sample volume received? Yes / No*									
12. Proper Preservatives used? Yes / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / No*									
14. Temp Rec. at Lab: 3.6C Is temp 4 +/-2°C? Yes / No**									
(Acceptance range for samples requiring thermal pres.)									
**Exception (if any): METALS / DFF ON ICE or Problem COC									

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

ATTACHMENT G

WASTE DISPOSAL DOCUMENTATION

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD981410509

Manifest Document No. 42601

2. Page 1 of 1

3. Generator's Name and Mailing Address
EXXON #7-3035
4501 SONOMA HIGHWAY
SANTA ROSA, CA 95409

MAIL: EXXON MOBIL OIL CO
3700 W 190TH ST., TPT #2-15
TORRANCE, CA 90504
ATTN: REBEKAH WESTRUP

4. Generator's Phone ((707) 338-8555

5. Transporter 1 Company Name
DILLARD ENVIRONMENTAL SVCS.

6. US EPA ID Number
CAD982523433

A. State Transporter's ID

B. Transporter 1 Phone (925) 634-6850

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Clean Harbors
2500 West Lokern Road
Buttonwillow, CA 93206-0787

10. US EPA ID Number
CAD980675275

E. State Facility's ID

F. Facility's Phone
(661) 762-6200

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. NON-HAZARDOUS, NON-REGULATED, (drilling sludge), (pf: CH79406)	01	DM	EST 2	G
b.				
c.				
d.				

GENERATOR

G. Additional Descriptions for Materials Listed Above
11a. CH79406
11b.
11c.
11d.

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Emergency Contact(925) 634-6850 DILLARD ENV SVCS
Job # 587-098

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

AT THE REQUEST OF EXXONMOBIL

Printed/Typed Name: PAULA JIMENEZ

Signature

Date: Month 5 Day 17 Year 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name

Signature

Date: Month 5 Day 22 Year 06

2005 BJX 03

SHIPPER NO. B 021073

STRAIGHT BILL OF LADING—SHORT FORM—Original—Not Negotiable

CARRIER NO.

DATE: 5/9/06

ENVIRONMENTAL RESOLUTIONS
ME OF CARRIER) (SCAC)

TO
NSIGNEE ROMIC ENVIRONMENTAL TECHN. CORP
REET 2081 BAY ROAD
EAST PALO ALTO, CA. 94303
STINATION STATE ZIP

FROM
SHIPPER EXXON MOBIL CORPORATION
C/O ERI
STREET 601 N. MCDOWELL BOULEVARD
PETALUMA, CA 94954
ORIGIN STATE ZIP

UTE:

U.S. DOT Hazmat Reg. No. | VEHICLE NUMBER

CAD 981 411 085

NO. SHIPPING UNIT	HM	Description of articles, special marks, and exceptions	*WEIGHT (Subject to correction)	Class or Rate	CHARGES (For carrier use only)	Check column
		GROUNDWATER MONITORING WELL PURGE WATER PROFILE: 301560 HANDLING CODE: 01 RECEIVED BY: 5/10/06 PLACARDS TENDERED: YES ____ NO ✓ PO# EWR# STORE NAME: 7-3035 STORE ADDRESS: 4501 Sonoma Hwy Santa Rosa, CA	20	gallons		

EMIT C.O.D. TO:
DDRESS:
ITY: STATE ZIP

COD AMT: $

C.O.D. Fee:
PREPAID ☐
COLLECT ☐ $

"If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight".

Note. - where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

Subject to Section 7 of conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

TOTAL CHARGES: $

FREIGHT CHARGES
Freight Prepaid except when box at right is checked ☐ Check box if charges to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknow marked, consigned, and destined as indicated above, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under t contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all t conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: EXXON MOBIL REFINING & SUPPLIES
PER: Request of ExxonMobil

CARRIER: ENVIRONMENTAL RESOLUTIONS
PER:
DATE: 5/10/06

EMERGENCY RESPONSE TELEPHONE NUMBER: 800-766-4248

MONITORED AT ALL TIMES THE HAZARDOUS MATERIAL IS IN TRANSPORTATION INCLUDING STORAGE INCIDENT TO TRANSPORTATION. (172.604)

Mark with "X" to designate Hazardous Material as defined in The Department of Transportation Regulations Governing Transportation of Hazardous Materials. The use of this column is an optional method of designating hazardous materials on Bills of Ladings per Section 172.201 and 172.202(b) of the regulations governing the transportation of such materials.